

Preface

Thank you for purchasing this cellular phone.

To guarantee your cellular phone works properly, please follow the instructions in this manual to prevent any possible incidents or malfunctions.

Follow all safety warnings to avoid injury or property damage.

Screen displays and illustrations in this user's manual are designed to help you to operate your phone.

We continuously strive to improve our products. Therefore, we reserve the rights to revise this user manual or withdraw it at any time without prior notice.

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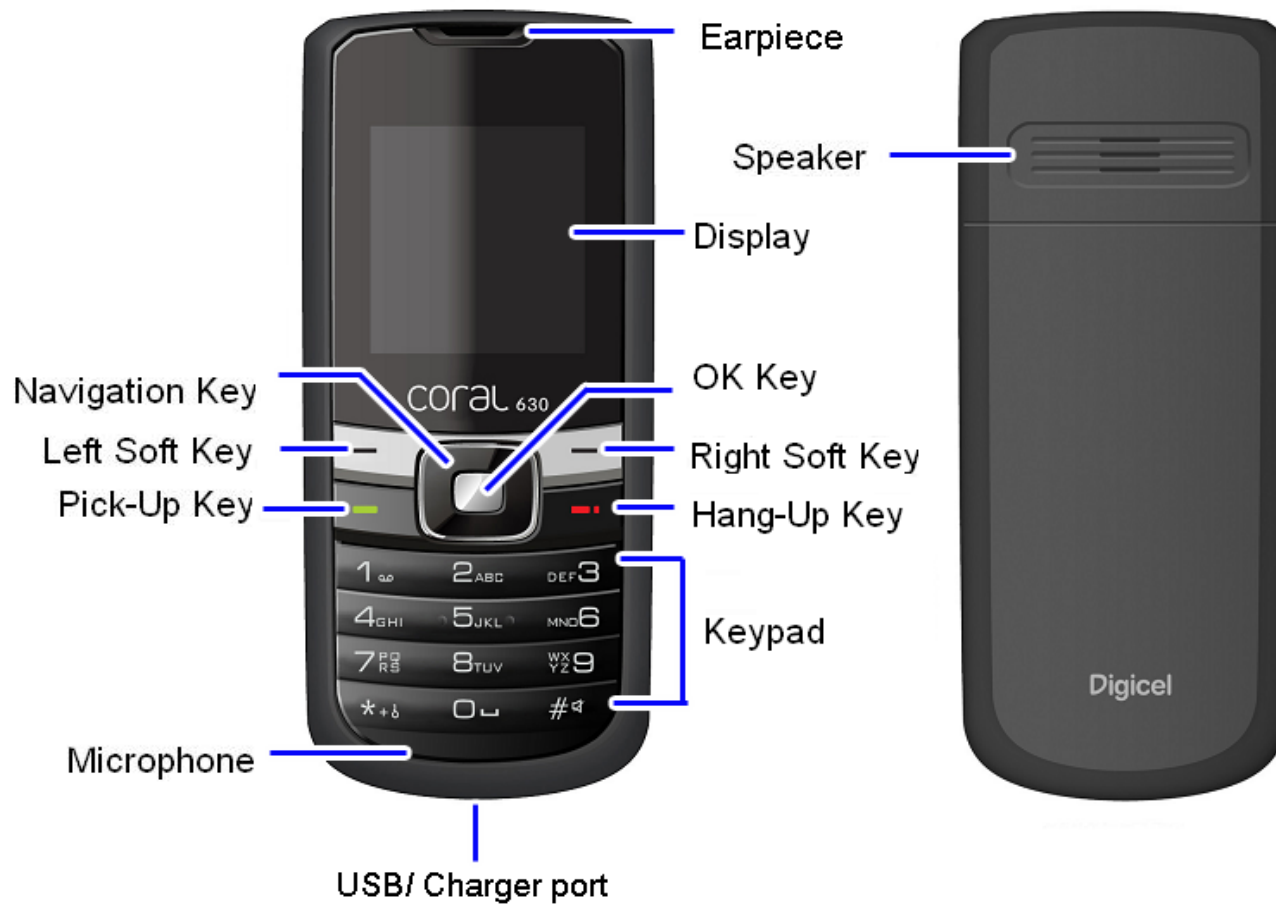
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1 Introduction

1.1 Phone Display



1.2 Key



Key	Function
Pick-Up	Press to answer a call or make a call after you enter a phone number. In idle mode, press to view the call log.
Hang-Up	Press to end or reject a call. Press and hold to turn the phone on/off. Within a menu, press to return to idle mode.
Left Soft Key	Press to access the function on the left corner of the display. In idle mode, press to enter main menu.
Right Soft Key	Press to access the function on the right corner of the display. Within a menu, press to return to the previous screen. When entering text, press to delete a word or character before the cursor. In idle mode, press to access <i>Live</i> .
Numeric key	Press to enter numbers, letters and some special symbol.
*	Press twice to enter '+' to make an international call.
#	Press to switch input modes in editor. Press and hold to activate or deactivate the <i>Silent</i> mode in idle mode.
Navigation key	Press to move cursor up, down, left or right when editing. In idle mode,













	press <i>Left</i> to enter User profiles; press <i>Right</i> to enter Tone setup; press <i>Up</i> to enter Shortcuts; press <i>Down</i> to enter Phonebook. You can change this setting in Settings > Phone Setup > Dedicated Key.
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Note: “Press” in this manual, means to press and release the key; “press and hold” means to press and hold the key for at least 2 seconds.

1.3 Icons & Symbols

In idle mode, network and battery icons are displayed all the time. The rest of the icons appear if the feature is available and do not appear if the feature is unavailable. If the network symbol is not displayed, the network is currently unavailable. You may be in a bad reception area, moving to a different location may help.

Icon	Description
	Network - The left portion indicates whether your phone is already registered with a network and the right portion indicates signal strength (from no signal to strongest signal).
	Battery - Indicates battery level with 3 battery level indicator bars. When charging, a scrolling icon will be displayed. The more bars, the stronger the charge.

	To log onto GPRS - The icon will be displayed only when you have logged onto GPRS.
	Text message - Indicates you have a new text message.
	Voicemail- Indicates voice messages that have not been heard.
	Alert type is "Vibration only".
	Alert type is "Ring".
	Alert type is "Vibration and Ring".
	Alert type is "Vibration then Ring".
	Missed call - Indicates there is a missed call.
	Call Divert - Indicates that the call divert unconditional function is activated.
	Lock - Indicates that the keypad is locked.
	Alarm - Indicates that the alarm clock is on.
	Headset - Indicates that Headset profile is activated.

2 Getting started

Please read the safety instructions in the "Safety information and notices" section before use. Before you start using your phone, you must insert a valid SIM card supplied by your GSM operator or retailer. The SIM card contains your subscription information, your mobile telephone number, and a small amount of memory in which you can store phone numbers and messages.

2.1 Inserting the SIM card

Remove the back cover

Make sure that the phone is switched off. You need to remove the back cover of your phone before you can insert the SIM card. Hold the phone with the front facing downwards; press and pull the back cover down; lift the back cover up to remove it.

Remove the battery

Put your finger on the black holder located on the top of the battery slot and lift the battery up to remove it.

Insert the SIM card

Make sure that the clipped corner of the SIM card is facing the correct direction (clipped corner at upper left) and the metallic contacts are facing downwards.

Slide the SIM card into the card slot until it stops.

Install the battery

With the metallic contacts facing downwards, press the battery down into its slot until it locks into place.

Install the back cover

Align and hook the back cover to the top of the battery slot and then press the back cover down until it locks into place.

2.2 Turning the phone on

To turn the phone on, press and hold the Hang Up key. Enter the PIN code if required (the 4 to 8 digit secret code of your SIM card). It is preconfigured and provided to you by your network operator or retailer.

If you enter an incorrect PIN code 3 times in succession, your SIM card will be locked. To unlock it, you must obtain the PUK code from your network operator.

2.3 Charging the battery

Your phone is powered by a rechargeable battery. The new battery is partially charged. A sound alert will warn you when the battery level becomes low.

Make sure the battery is inserted. To charge the battery, plug in the connector at the bottom of your phone, and then plug the other end into an AC power socket.

The battery symbol indicates the charging status.

During charging, the charge indicators will scroll; it takes around 3 hours to fully charge the battery.

When all the scroll bars are steady, the battery is fully charged. You can then disconnect the charger.

Depending on the network and condition of use, talk time and stand-by time can go up to about 6 hours and 560 hours respectively.

**Depending on the network conditions, user settings, method of use, etc. the actual results may*

vary. When the battery is fully charged, the only way to turn off the charger is to unplug it, so it is advisable to use an easily accessible AC power socket. If you do not intend to use your phone for several days, we recommend that you remove the battery. If the battery is completely uncharged, the battery icon will reappear after a few minutes of charging.

2.4 Important Password

Phone password is 1122.

2.5 Keypad Lock and Unlock

Go to **Settings > Security Setup > Auto Keypad Lock** to select the time for keypad lock.

In idle mode, if the time expires, the keypad will be locked automatically.

Press the Right Soft Key [Unlock] and then the # Key to unlock the keypad.

3 Text entry

3.1 Input method

Your phone supports several input methods, which include:

Smart English (Smart ABC/Smart abc): Enter English text using Smart English.

Multi-Tap (abc/ABC): Press the keys that are marked with the corresponding letter you wish to enter. Press once to get the first letter on the key, press twice quickly to get the second letter and so on until the letter you want is displayed on the screen.

Numeric (123): Enter numbers.

During text editing, you can press the # key to switch input modes or press **Option** and select **Input method** to select different input modes. The status bar on the screen will display your current input mode.

- ◆ **SmartABC/abc:** Smart English input mode.
- ◆ **ABC/abc:** English alphabet input mode.
- ◆ **123:** Numeric input mode.

**Depending on the user requirements, there may be other language input methods available, such as Spanish. The operation is similar to English input.*

Entering symbols

In any input mode, press the * key to open the symbols input screen. Press **Ok** to confirm the symbol

input.

3.2 Smart English input

What is it?

Smart English Input is an intelligent text editing mode for messages, which includes a comprehensive dictionary. It allows you to quickly enter text. You need to press the key corresponding to each letter needed to spell a word only once: keystrokes input are analyzed and the word suggested by smart dictionary is displayed.

How to use it

Letters and symbols represented by each key are as follows:

2 to 9	Press to input letters
1	Press to input symbol
0	Press to input space
◀/▶	Press to browse the last or next candidate word.
▲/▼	Press to browse the last or next line candidate word.
Left Soft Key (Select)	Press to confirm the letter or word
Right Soft Key (Clear)	Short press to clear a letter, long press to clear all entries
#	Switch between input mode
*	Press to activate punctuation mode

Example: How to enter the word "HOME".

1. Press # to switch to **Smart**ABC.
2. Press 4 6 6 3, the first word "GOOD" appears.
3. Press ► to browse and select "HOME".
4. Press **Select** to confirm "HOME".

3.3 Basic text input

If you wish to use basic text input mode, press the # key to select "ABC" or "abc". This method requires multiple key presses to reach the desired character: the letter "h" is the second letter on the 4 key, so you must press 4 twice to enter "h". Using this mode requires you to press a key as many times as needed to display the desired letter.

To enter the word «home» in basic text input mode "abc", you should press key 4(**GHI**), 4 (**GHI**), 6(**MNO**), 6(**MNO**), 6 (**MNO**), 3(**DEF**), 3 (**DEF**).

3.4 Numeric input

Press the # key to select "123", then you can enter the numbers.

3.5 Other Language Input Method

Depending on the user requirements, there may be other language input methods available. The operation is similar to English input.

Smart Spanish (**Smart**ES/**Smart**es): Enter text using smart editor.

Multi-Tap Spanish (👉 ES/👉 es): Press the keys that are marked with the corresponding letter you wish

to enter. Press once to get the first letter on the key, press twice quickly to get the second letter and so on until the letter you want is displayed on the screen.

4 Calling

4.1 Make a call

Note: *You can only make a call when the network name appears on the screen.*

1. Enter the phone number.
2. Press the Pick-Up key to dial the number.

Mute a call

During a call, press **Option** and select **Mute**. When you select **Mute**, the microphone will be deactivated. When you switch from one call to another, muting will be cancelled.

Adjusting speaker/earpiece volume

During a call, press ▲/▼ to increase or decrease the volume (if you are not browsing the call options menu).

Call recording

During a call, press **Option** and select **Sound recorder** to record the conversation.

Note: *In most countries, recording telephone conversations is subject to legislation. We advise you to notify the caller if you intend to record your conversation and only do so if they agree.*

Ending a call

Press Hang-Up key or select **End single call** from Option to end a call.

4.2 Making an international call

1. Press the * Key twice quickly until "+" appears on the screen.
2. Enter the country code.
3. Enter the area code (normally without the 0 before it) followed by the phone number.
4. Press the Pick Up Key to call directly.

4.3 Making an emergency call

You can make an emergency call anytime, regardless of whether the cellular phone has been registered on the network. In idle mode, enter the emergency call number (specific number in the caller's country) then press the Pick-Up Key.

If there is no SIM card, pressing **SOS** can also bring you to the emergency call screen displaying the confirmation.

4.4 Making a second call (Network dependent)

You can make a second call by putting the current call on hold:

1. During a call with Party A, you can enter Party B's number using the keypad.
2. Press Pick Up Key to dial Party B's number. Party A will be put on hold automatically.

4.5 Making a conference call (Network dependent)

Your phone supports multi-party calls of up to five members.

When there is a call waiting while you are already on the phone, you can carry out the following operations to establish the multi-party call:

1. Press the Pick Up Key to answer the second call. The first call will be put on hold automatically.

2. Select **Conference** from Option. The two calls will be combined and a conference call is established. During the multi-party call, you can answer a new incoming call or add a new member to the call by dialing the new member (the ongoing multi-party call will be put on hold automatically).

4.6 Switching calls (Network dependent)

When you have one active call and one call on hold, you can press **Option**, and then select **Swap** to switch between the 2 calls. You can also press the Pick-up Key to swap.

4.7 Using a Hands-Free

During a call, press **H-free**.

4.8 Answering a call

Press the Pick-Up Key to answer a call.

4.9 Rejecting a call

Press the Hang-Up Key to reject a call.

4.10 Answering a second call (Network dependent)

If you have activated call waiting, a new incoming call screen is shown to inform you when there is a second incoming call. You can:

1. Press Pick-Up key or select **Answer** from Option to answer the second call. The current call will be put on hold automatically.
2. Press Hang-Up key or Right Soft Key **Reject** to reject the second call and continue with your current call.

5 Function menu

5.1 How to use

Select menu

Press **Menu** to enter main menu in idle mode.




Press **Up/Down** to change menus and press **Ok** to enter the selected menu.

Note: The functions described below only appear when a SIM card is inserted. If you power on your phone without a SIM card, you will have limited access to menu functions when you press the **Option**. Press **SOS** to make an emergency call. The aim of this function is to allow you to dial an emergency number by keypad when you do not have a SIM card.

You can exit a menu and return to idle mode by pressing **Back** or the Hang-Up Key.

5.2 Main menu

<i>Phonebook</i>	<i>Messages</i>
<i>Call center</i>	<i>Settings</i>

		
<i>Multimedia</i>		<i>File Manager</i>
		
<i>Fun & Games</i>		<i>User Profiles</i>
		
<i>Organizer</i>		<i>Services</i>
<i>Extra</i>		<i>Servicios SIM</i>

5.3 Phonebook

Your phone features two phonebooks. The SIM phonebook is located on your SIM card and the number of entries you can store depends on the SIM card. The second phonebook (Smart phonebook) is integrated in the phone memory and the maximum number of name cards you can store is 500. The SIM card is the default phonebook, but the entries in the two phonebooks are combined, sorted and displayed as a list. When you add a new contact to your phonebook, the new contact will only be added to the storage location you have selected.

View

In the phonebook, you can display the details of a contact by selecting it and pressing **Options** to access the following:

- ◆ **Call:** Press to dial the selected contact.
- ◆ **Send text message:** Send text message to the selected contact.
- ◆ **View:** View the details of the selected contact; it will list all the detail content of every field.
- ◆ **Edit:** Edit the selected contact.
- ◆ **Delete:** Delete the selected contact.
- ◆ **Copy:** Copy the selected contact to the SIM card or the phone.
- ◆ **Move:** Same as copy, only the original contact will be deleted.
- ◆ **Send vCard:** Send the vCard by text message or save to File Manager.

Quick Search

Enter the first letter of the entry you want to search for in the search bar; press the # Key to switch between the input methods. The maximum number of the letters is five.

Search contact

Enter the name of the entry you want to search, press **Option** to choose **Search**, and then press **Ok**. The handset will display the entry after searching.

Add New contact

To create a new SIM/phone contact:

To SIM

Press Up/Down to select a field.

- ◆ **Name:** Press **Edit** to enter the name.
- ◆ **Number:** Enter the phone number.

After entering a name or number, press **Done** or **Ok** to save.

To phone

Press Up/Down to select a field.

- ◆ **Name:** Press **Edit** to enter the name.
- ◆ **Number:** Enter the phone number.
- ◆ **Home Number:** Enter the home number.
- ◆ **Company Name:** Press **Edit** to enter the name.
- ◆ **Email Address:** Press **Edit** to enter the Email address.
- ◆ **Office Number:** Enter the Office number.
- ◆ **Fax Number:** Enter the Fax number.
- ◆ **Caller Picture:** Press the **Left / Right** Navigation Key to select a picture then press **View** to view

the selected picture.

- ◆ **Caller ringtone:** Press the *Left / Right* Navigation Key to select a sound; the selected sound will play after few seconds.
- ◆ **Caller group:** Press the *Left / Right* Navigation Key to select a group.

After editing, you can press *Done* or *Ok* to save.

Copy All

You can copy all contacts from the Phone to the SIM card or from the SIM card to the phone by selecting *From phone* or *From SIM*.

Delete

This feature allows you to delete contact(s):

- ◆ **From phone:** Enter the phone password to delete all the contacts from the phone. The default password is 1122.
- ◆ **From SIM:** Enter the phone password to delete all the contacts from the SIM card.
- ◆ **One by one:** Select which individual contacts to delete.

Caller groups

You can create caller groups, which allow you to send text messages to many recipients at the same time. Five groups are available to edit, you can press the Navigation Key Up/Down to modify the following fields: name, associated sound, associated picture, and member list.

Note: This feature is only available in phone memory.

Extra numbers

This menu allows you to keep a list of useful numbers such as Owner number, Service dialing number and SOS number.

Phonebook settings

- ◆ **Memory status:** Press to view the SIM and phone memory status.
- ◆ **Preferred storage:** Press to select the preferred storage: SIM card or phone.
- ◆ **Fields:** Press **On** or **Off** to activate or deactivate the different fields for the phone contact, including Home number, Company name, Email address, Office number, Fax number, Caller picture, Caller ringtone and Caller group. If one field is set to off, it will disappear when you view a contact or edit a contact.
- ◆ **Name list filter:** Press to select the phonebook you want to manage, SIM only, phone only or both. If you select “SIM only”, it will only show the contacts stored on the SIM card when you view the contacts.
- ◆ **My vCard:** First, you should create your vCard by selecting **Edit my vCard**. Then you can send your vCard by text message or save it to a file.

Note: You can save your vCard to your phone or memory card and then find it in the menu of File Manager.

- ◆ **vCard version:** Select the vCard version.

5.4 Messages

The menus described in this section allow you to send/receive messages and manage your messages.

Text message

Write messages

To write a message, please refer to the *Text entry* section of this manual for the detailed information.

After entering text, you can access the following options by pressing *Option*:

Done: Press to confirm entered text and select from the following Send Options:

- ◆ **Send only:** Select to open the number editor and enter your number, or press *Search* to search for and select a contact in the phonebook. Press *Ok* to send the message.
- ◆ **Save and send:** Press to save the message to the Outbox and send the message.
- ◆ **Save:** Press to save the message in the Outbox.
- ◆ **Send to many:** Press to send the message to more than one recipient. Select *Edit recipients* to add or delete a recipient in a list and then select *Send now* to send the message to all the recipients in the list.
- ◆ **Send by group:** Press to send the message to the group you selected.

Use templates: Press to select template and insert pre-written message.

Insert object: Press to select picture, animation or melody and insert in message.

Text Format: Press to adjust text size, style, alignment or select a new paragraph.

Insert number: Press to select a contact in the phonebook and insert the contact's number into the message.

Insert name: Press to select a contact in the phonebook and insert the contact's name into the message.

Insert Bookmark: Press to select bookmark and insert it into the message.

Input method: Press to select the input method.

Inbox

Inbox allows you to view your messages.

Press **Up/Down** to select a message; the sender's number is displayed in the list (if the number exists in your phonebook, the contact name will be shown). When one message is highlighted, the send date will be shown above the message.

Press **Ok** to read the content of the selected message, including sender, sent date, sent time and text.

When reading the message, press **Option** to access the following options:

- ◆ **Reply:** Reply to sender via text message.
- ◆ **Delete:** Remove the text message from your Inbox.
- ◆ **Forward:** Forward the text message to another recipient.
- ◆ **Copy to phone** (if the text message is saved to the SIM card): By selecting this option, a confirmation screen pops up, then you can press **Yes** to copy the text message to the phone or press **No** to cancel copying.
- ◆ **Move to phone** (if the text message is saved to the SIM card): Move the selected message to the phone.
- ◆ **Copy to SIM** (if the text message is saved to the phone): Copy the selected message to the SIM card.
- ◆ **Move to SIM** (if the text message is saved to the phone): Move the selected message to the SIM card.

- ◆ **Delete all:** Press to delete all messages in the inbox.
- ◆ **Copy all:** Copy all messages from the SIM card to the phone or from the phone to the SIM card.
- ◆ **Move all:** Move all messages from the SIM card to the phone or from the phone to the SIM card.
- ◆ **Use number:** By selecting this option, the sender's number or the numbers in the message will be shown in a list; press **Option** to Dial, Save to phonebook or Send text message.
- ◆ **Use URL:** Press to add the selected URL to bookmark, or connect the selected URL.
- ◆ **Use USSD:** Press to get the USSD in the message and send it.

Outbox

The Outbox allows you to view saved, unsent and sent message in a list (if you select **Save and send** when sending message, it will be saved in the Outbox).

You can press Up/Down to select message or press **Ok** to read the message. When reading message, you can also press **Option** to Send, Edit, Delete, Copy to phone or SIM, Move to phone or SIM, Delete all, Copy all, Move all, Use URL, Use number or Use USSD. See the Inbox section above for more details on these options.

Templates

View templates message for you to insert into the message. Press **option** to edit, remove or write a message.

Text message settings

This feature allows you to edit message settings:

- ◆ **Profile Setting:** Press to select a profile. The profile includes a profile name, SC Address, Validity Period and Message Type.
- ◆ **Common Setting:** Press to set the delivery report and reply path.
- ◆ **Memory Status:** Press to view the text message status on the SIM card and your phone.
- ◆ **Preferred Storage:** Press to choose where to store messages - the SIM card or the Phone. If you choose the SIM, the messages you receive will be stored on the SIM card, when the memory in the SIM card is full, the messages you receive will be stored in the phone automatically.

Voicemail server

This menu allows you to set your voice mailbox number and listen to your voice messages.

Note: You can forward your calls to your voice mailbox (the phone number for callers to leave a message) via the Call forwarding feature.

Broadcast message

Received mode

Press **On** or **Off** to set the reception of broadcast messages to On or Off.

If you select **Off**, you will not receive any broadcast messages, even if you have set the corresponding channel numbers.

Read message

When you receive a broadcast message, the message content will be displayed on the screen until you

press **Back**. If you want to read it again, enter this menu.

To obtain the codes corresponding to the different types of messages, you must contact your operator.

Languages

Press to select the language in which you want to receive messages.

Channel settings

Select Add, Edit, Select or Delete channel.

5.5 Call center

Call history

Missed calls

Select to view missed calls. Press **Ok** to view detailed information including date, time, number and times.

Press **Option** to enter the following options:

- ◆ **Delete:** Press to remove the call from the list.
- ◆ **Save to phonebook:** Press to save the number in your phonebook.
- ◆ **Call:** Press to dial the number.
- ◆ **Edit:** Press to edit the number.
- ◆ **Send a text message:** Press to send a text message to the number.

Dialed calls

Select to view the dialed calls. Detailed information and related operations are similar to those of Missed

calls.

Received calls

Select to view received calls. Detailed information and related operations are similar to those of Missed calls.

Note: You can also press the Pick-Up key in idle mode to view Missed calls, Dialed calls and Received calls in a list .They are displayed in chronological order with the most recent call at the top of the list.

Delete call logs

Select to delete one or all of your call logs.

Call timers

Your phone provides you with a timer that automatically records the calling time and allows you to view the Last call time, Total sent, Total received or Reset all times.

Call cost

This menu depends on your SIM card, you can select to view the Last call cost and Total call costs. Cost records are only available after you set the Price per unit. You can also set the Max cost and Reset cost.

Note: Some features in this menu require you to enter PIN2 code.

Text message counter

Your phone will automatically record how many messages you send and receive. You can view the number of messages by selecting this menu. Press **Reset** to reset the counter.

GPRS counter

Select to view the GPRS volume of the Last sent, Last received, All sent, All received or Reset counter.

Call settings

Caller ID

This feature allows you to select your Caller ID settings. You can select Set by network, Hide ID or Send ID. *Note: This feature is network/ subscription dependent.*

Call waiting

If activated, when there is a second incoming call, it will prompt you. Select **Query status** to find out whether the call waiting is active or not.

Call divert

Select to divert incoming calls to your mailbox or to a number (whether in your contacts or not) and you can choose from the following options: Voice Calls, If Unreachable, If no answer, If busy or Data calls. You can also Cancel all divert settings.

Call barring

This menu allows you to limit the use of your phone to specific calls. This can be applied to incoming calls (all calls or when roaming) and/or to outgoing calls (all calls, international calls, international calls except to home PLMN). To activate call barring, you need to enter a communication limit code. This barring code will then be sent to the network for validation.

Note: This operation only supports GSM calls.

Line switching

This menu allows you to choose line 1 or line 2.

Closed user group

You can specify a group of people to whom you can call and who can call you (network service).

Advance settings

Black list: This menu allows you to define twenty black numbers from whom you want to reject the call.

Auto redial: You can set auto redial to **On** or **Off**. When set to **On** and your call does not connect, you will be asked if you want to redial the call.

Speed dial: Select 2 to 9 as the speed dial location. First, you should set the **Status** to **On**, and then you can press **Set number>Option** and select **Edit** to enter the phonebook. Press **Up/Down** to select and **Ok** to confirm and save. After setting, you can make a speed dial call by pressing and holding the related key in idle mode.

Call time display: Press **On** or **Off** to display the duration of your calls.

Call time reminder: Select to choose a type of call time reminder including Off, Single or Periodic.

Auto quick end: This feature allows you to set how long your call will last. The call will end automatically when the time expires. You can set it to on or off and enter the time you want to talk during the call. The talk time you preset should be between 1 and 9999 seconds.

5.6 Settings

You can configure your phone to best suit your usage preferences.

Phone setup

This menu allows you to configure some general settings for your phone:

Time and Date

- ◆ **Set time zone:** Select a city from the list and set it as your time zone.
- ◆ **Set time/date:** Press to edit the fields of time, data and daylight savings.
- ◆ **Set format:** Press **Up/Down** to edit the field, including Time format and Date format, then press **Left/Right** to select formats.
- ◆ **Update time with time zone:** Press to set it on or off.

Schedule power on/off

You can set up to four times that your phone will automatically power on or off.

Press **Up/Down** to select a group and press **Edit** to set the following fields:

- ◆ **Status:** Press to activate or deactivate.
- ◆ **Power:** Press to select power on or off.
- ◆ **Time:** Press to enter time.

Language

This menu allows you to select a language for all menu texts. If you select **Automatic**, your phone will auto detect the language supported by your SIM card and phone.

Pref. input methods

This menu allows you to set your preferred input method in text editor.

Display characteristic

- ◆ **Wallpaper**
 - Press **Up/Down** to select image.
 - Press **View** to preview the picture.
 - Press **Left/Right** to view the previous or next image then press **OK** to confirm and set it as wallpaper.
- ◆ **Screen saver:** Press to set on/off or waiting time by selecting **Setting**; select image through **Select** for the screen saver.
- ◆ **Power on display:** Press to select power on animation.
- ◆ **Power off display:** Press to select power off animation.
- ◆ **Show date and time:** Press **On/Off** to show or hide the date and time in idle screen.
- ◆ **Show owner number:** Select to turn it on or off.

Greeting text

This menu allows you to set the status and greeting text. If set to On, the greeting text will be displayed after the welcome animation.

Dedicated key

Select to assign functions to the four navigation keys – up, down, left or right.

Auto update of date and time

Press **On/Off** to turn it on or off. This function is dependent on network services.

Flight mode

Select from Normal mode, Flight mode and Query when power is on.

Misc.settings

This menu allows you to set the LCD backlight time.

Network setup

Network selection

- ◆ **New search:** Press to search for a new network.
- ◆ **Select network:** Press to select a network from the network list.
- ◆ **Selection mode:** Press **Change** to select to choose your network manually or automatically.

Preferences

Preferred Network allows you to build a preferred network list. Once defined, the phone will try to register on the network, according to your preferences.

GPRS connection

You can press **Change** to modify your GPRS connection: When needed or always.

Security setup

SIM lock

To prevent your SIM card from illegal use, your SIM card is protected by a PIN code. If you set the SIM lock to **On** you can only use your phone by entering the correct PIN code every time you turn it on. If you enter the wrong PIN code three times, your SIM card will be locked and a PUK code will be required. Contact your service provider for more information.

Phone lock

To prevent your phone from illegal use, you can activate Phone lock. If activated, you will need to enter the correct Phone password before you can use it.

When you set it on or off, the phone password is also required.

If you forget the password, contact your service provider for assistance in unlocking the phone.

Note: The initial password is 1122. If you want to change your password, go to Change password.

Auto keypad lock

Select to set the time for auto keypad lock. If the time expires, the keypad will be locked automatically, you should press **Unlock** and then the # Key to unlock it.

Note: The keypad is automatically unlocked when you receive a call.

Fixed dial

- ◆ **Mode:** Select to activate or deactivate fixed dial by entering the right PIN2 code.
- ◆ **Fixed dial list:** Select to edit the names in the Fixed Dial List.

Barred dial

This feature allows you to set barred dialing.

Note: This feature depends on the SIM card.

Change password

Select to modify the password, including PIN, PIN2 and Phone passwords.

Restore factory settings

By pressing **Ok**, you will be required to enter a password to restore the phone to its original factory

settings. After entering and confirming the correct password, most of the settings in your phone will be restored to factory settings.

Sound Effects

Sound Effect allows you to choose the equalizer setting including Normal, Bass, Dance, Classical, Treble, Party, Pop, or Rock. You can also set the sound effect to null.

Shortcuts

This feature allows you to make a list of shortcuts for quick use.

Press **Option** to Add, Edit, Delete, Delete all, Disable, or Change order.

Note: *To use shortcuts, you should first enter Settings>Phone setup>Dedicated key to define one of the Dedicated keys as a Shortcut. Then press the related Dedicated key in idle mode to access the features defined in the shortcut list.*

5.7 Multimedia

Sound recorder

This menu allows you to make recordings. The length depends on the memory status.

Press **Option** and select **Record** to start recording. Press **Pause** or **Cont.** to pause or resume the recording or when you are finished recording, press **Stop** to save the recording. You can then save the file by pressing **Yes**.

Note: *Saved sound files can be found in the File Manager menu.*

When you select a sound file, press **Option** to access the following options:

- ◆ **Record:** To make a new recording.
- ◆ **Play:** To play the recording.
- ◆ **Append:** To add more to an existing recording.

Note: This feature is only available when the file format is ARM.

- ◆ **Rename:** To rename the file.
- ◆ **Delete:** To delete the recording.
- ◆ **Delete all files:** To delete all recordings.
- ◆ **Settings:** To set File format and Audio quality.
- ◆ **Use as:** To forward the recording to user profiles.

Note: The forwarded recording is available in the melody list when modifying user profiles.

FM Radio

Note: The radio will not work unless the headset is attached. Attach the headset included with your phone to the charging port located at the bottom of the phone.

To operate the radio:

- 1 Press **Right/Left** to switch the channels. If auto search is activated, pressing **Right/Left** will switch the available searched channels; if auto search is deactivated, pressing **Right/Left** will switch to varying channels by 0.1 intervals.
- 2 Press **Up** to activate or deactivate the auto search mode.
- 3 Press **Down** to activate or deactivate the FM radio.
- 4 Press **Keys */#** to adjust the volume.

- 5 Press **Option** to access the following options:
- ◆ **Channel List:** Select to view the list of preset channels. Press **Options** to play, delete or edit the selected channel.
 - ◆ **Manual Input:** Select to manually input a channel number and then play it.
 - ◆ **Preset Auto Search:** Select to Auto search the available channels and save the searched channels into the preset channel list.
 - ◆ **Settings:** Select to set the background play, skin and loud speaker.

5.8 File manager

This menu allows you to manage the files saved in your phone. Related memory information is displayed at the top of the screen, including total volume and free volume.

Phone

Press **Option** to access the following options:

- ◆ **Open:** Select to view folders in the phone.
 - Press **Option** to access the following options:
 - ✓ **Open:** Select to open the folder.
 - ✓ **New folder:** Select to create a new folder in the selected folder.
 - ✓ **Rename:** Select to rename the folder.
 - ✓ **Delete:** Select to delete the folder.
 - ✓ **Sort by:** Select to sort files by name, type, time or size.

- ◆ **New folder:** Select to create a new folder in the phone.
- ◆ **Format:** Select to format the Phone memory.

5.9 Fun & Games

Press **Ok** to enter the game menu:

- ◆ **Start game:** Select to start the game.
- ◆ **Help:** Select to view help about how to play the game.
You can also adjust the following settings by selecting Game setting:
- ◆ **BGM:** Select to set background music On or Off.
- ◆ **Volume:** Select to set the volume of sound effect.

5.10 User profiles

This menu allows you to select a profile from General, Meeting, Outdoor, Indoor and Headset. Press the **Options** to access the following options:

1. **Activate:** Select to activate the selected profile.
2. **Customize:** Select to modify the following settings:
 - ◆ **Tone setup:** Select a ringer for Incoming calls, Power on, Power off, Message tone and Keypad tone.

- ◆ **Volume:** Select to adjust the volume for Ring tone and Key tone.
- ◆ **Alert type:** Select to set the alert type as Ring, Vibration only, Vibrate and ring or Vibrate then ring.
- ◆ **Ring type:** Select to set the ring type as Single, Repeat or Ascending.
- ◆ **Extra tone:** Press **On/Off** to activate or deactivate such tones as Warning, Error, Camp on and Connect.
- ◆ **Answer mode:** Press **On/Off** to activate or deactivate any key answering.

Note: *Headset profile can only be activated by plugging in a headset.*

5.11 Organizer

This menu contains features and options designed to help keep you organized and informed while on the go.

Calendar

Press **Up/Down/Left/Right** to select the date then press **Option** to access the following options:

- ◆ **View:** Select to view tasks scheduled on the selected date. “Empty” appears if nothing is scheduled. Press **Left/Right** to change the date or press **Add** to add a new task.
- ◆ **View all:** Select to view all the tasks.
- ◆ **Add event:** Select to add new task.
- ◆ **Delete event:** Select to delete all the events, overdue events or the events during a specific period.

- ◆ **Jump to date:** Select to enter the date you want to view in the calendar.
- ◆ **Go to weekly view:** Select to switch to the weekly view screen.

Tasks

This menu allows you to create, store and manage tasks in your organizer.

Create new task

To create a new task:

1. If there's no event, press **Add** to create a new task; if there's already an event, press **Option** and select **Add** to create a new task.
2. Select the task type.
3. Edit the different task fields, such as date, time, or description.
4. Press **Done** to save the task.

Note: *A new task cannot be saved with a blank description.*

Alarm

Your phone has a built-in alarm clock with snooze feature. You can set up to five separate alarms and choose whether or not the alarm should repeat. To set an alarm:

1. Select an alarm and then press **Edit** to create.
2. Then to edit different fields of the alarm including: On/Off, Enter time, set Repeat, choose alarm tone, select snooze minute and alert type.
3. Finally, press **Done** to save the settings.

World clock

This menu allows you to view different World clocks and set Daylight saving time **On** or **Off**. Press **Ok** to enter the menu. A world map appears on screen - press **Left/Right** to select the world clock. The corresponding city, date, and time is displayed on the top and bottom of the screen. Press **Option** to set Daylight saving time to **On** or **Off** for the foreign city.

5.12 Services

This menu is reserved for operator specific services. Please contact your operator for more information about it.

Data Account

Select **Data Account** to view the account of GSM data and GPRS.

Note: If certain data accounts are pre-configured, you will not need to change the settings. If you want to edit the profiles, please contact your service provider for more information.

WAP

Homepage: Select to access the homepage directly. You can also set the homepage address in the settings menu.

Bookmarks: Select to save the current web page or the web pages that you frequently visit to the Bookmark list, where you can manage and organize them. When you enter the menu, a list of bookmark entries is displayed. To connect to the web address of a particular bookmark entry, press **Option** and then choose **Go to**.

Recent pages: Select to view the history of recent pages.

Input address: Select to enter a web address then press **Option** and choose **Done** to connect to this address. If there is an address list, you can press **Option** and then choose Go to, Edit, Add Bookmark, Delete or Delete All.

Service inbox: Select to view the push messages sent by WAP.

Settings: Select to configure the browser parameters including:

- ◆ **Edit account:** You can activate one of the profiles or edit them.

Note: If you want to edit the profiles, please contact your operator for more information.

- ◆ **Browser options:** Select to set the time of timeout and set **Show Images** on or off. Some web pages may contain material, such as graphics and sounds that require a large amount of memory to view. To browse web pages without graphics to save memory, select **Show Images** off.
- ◆ **Service Message settings:** Select to choose **Enable Push** on or off; set **Trust Setting** disable or always; set **SL setting**; set **Trust list**.
- ◆ **Clear cache:** Press to empty an area of the phone's memory where the pages browsed during a WAP session are stored.
- ◆ **Clear cookies:** Press to clear the cookies.
- ◆ **Trusted certificates:** Select to view the trusted certificates, you can delete them.

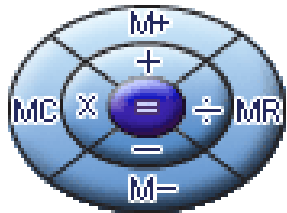
5.13 Extra

Your phone also provides you with other tools for extra use, such as Calculator, Currency converter and

Stopwatch.

Calculator

Your phone has a built in calculator. Enter the numbers using the keypad. An icon will appear on the screen indicating how to do calculations:



Keys	Operation
Up	Addition
Down	Subtraction
Left	Multiplication
Right	Division
Left Soft Key	To calculate
Right Soft Key	To clear or exit Calculator
# key	To enter decimal point

Note: press the Navigation Key Up/ Down can switch between M-, -, +, M+; press the Navigation Key Left/ Right can switch between MC, x, ÷, MR.

Currency converter

This application allows you to convert currencies.

First, input the rate and then input the local value. Press **Ok** to view the foreign value.

Stopwatch

Your phone features two kinds of stopwatches: Typical stopwatch and nWay stopwatch.

Typical stopwatch

Split time: When you select this, the timepiece will be saved and continue to count when you press **Split**. The 2nd timepiece is recorded based on the continuous timing. You can stop and resume anytime.

Lap Timing: When you select this, the timepiece will be saved and start the new timing when you press **Lap**. The 2nd timepiece is recorded in new timing. You can stop and resume anytime.

Note: If you press the Hang Up key while timing, the activated stopwatch will not stop and when you try to enter another stopwatch Split time or Lap timing, a confirmation screen will appear asking if you want to stop the previous stopwatch. Select Yes to stop the previous and to enter the next stopwatch.

View record: Select to view, delete, or delete all saved records.

nWay stopwatch

Press **Start** to activate the stopwatch, and then you can press **Left/Right/Up/Down** to record four different groups of data.

5.14 Servicios SIM

Note: The submenus of this feature depends on the operator and different operators may provide different services (some SIM cards do not support STK), which cannot be modified.

Please contact your operator.

6 Precautions

Please carefully read and observe the terms below:



Safe power on

Do not use your phone where it is forbidden to use or you might cause a disturbance or danger.

Safe transportation first

Please observe all related local laws and regulations.

Please drive with both hands.

Transportation security should be considered when driving.

Disturbance

All phone performances may be disturbed.

Turn off when in the hospital

Please follow related limitations.

Please switch your phone off when near a medical instrument.



Turn off on an airplane

Please follow related limitations.
Do not use your phone on an airplane.



Turn off when at a gasoline station

Do not use your phone at a filling station or around fuels or chemicals.

Turn off around exposure Area

Please observe related limitations and do not use your phone around an area where explosions can occur.

Proper use

As described in this manual, your phone can be used only in a proper location.
If possible, please do not touch the antenna area on your phone.

Use qualified after sale service

Only a qualified technician can install or repair your phone.



Accessories and batteries

Only use the authorized accessories and batteries and do not connect to incompatible manufacturers or products.



Waterproof

Your phone is not waterproof. Please keep it away from water.

Backup

Remember to make a backup or keep a written record of all important information saved in your phone.

Connect to other devices

Please read the user manual of the device to get more detailed security instructions before connecting to other devices and do not connect to an unmatched product.

SOS emergency calls

Make sure your phone is switched on and in a service area. In idle mode, input the SOS

number, then press the Dial key. Advise where you are and do not hang up without permission.

7 Troubleshooting

Common issue	Reason	Troubleshooting
Bad connection	Using phone in an area where the network connection is poor, such as around a tower or basement where a radio wave cannot be sent effectively.	Try to avoid.
	Using cellular phone when network is busy, such as an on-off duty time, line busy.	Try to avoid.
	Related to the distance of the send basis of the network.	Ask your operator to provide a map of your service area.
Aftersound or cacophony	It is caused by network connection and it is a regional problem.	Hang up and redial the number.
	Network connection is not good in some areas.	
Idle time becomes short	Idle time is related to network settings.	If the phone is in an area where the network connection is not

		good, please temporarily shut off your phone.
	Need to change battery.	Insert a new battery.
	When you cannot receive signals, your phone will continue to send to find a basis. A lot of battery power is used, so as to limit idle time.	Please move to an area where signal is strong or temporarily turn off your phone.
Cannot switch on	Battery is drained.	Check battery volume or charge battery.
Wrong SIM card	SIM card is damaged.	Contact your operator.
	SIM card is not inserted properly.	Make sure SIM card is inserted properly.
	Dirt on metal side of SIM card.	Wipe metal point of SIM card with a clean cloth.
Cannot connect to network	SIM card is unusable	Contact your operator.

	Out of GSM service area.	Request service area to operator.
	Feeble signal.	Please move to an area where signal is stronger and try again.
Cannot call	Activate call barring	Cancel call barring
	Activate fix dialing	Cancel fix dialing
Wrong PIN code	Enter the wrong PIN code three times.	Contact your operator.
Cannot charge	Battery or charger is damaged.	Change battery or charger.
	Charge in area where the temperature is lower than 0°C or higher than 40	Change charging environment.
	Bad connection	Check the connection between the phone and the charger.
Cannot add contact	Contacts memory is full.	Delete some contacts.

Cannot set some functions	Operator does not support the function or you have not applied the function.	Contact your operator.
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8 Safety information and notices

Please carefully read this information before using your phone.

Do not use your phone while driving

- Speaking on your cellular phone while driving lowers your concentration, which can be dangerous. Always obey the laws and regulations when using the phone in the areas where you drive. Adhere to the following guidelines:
- Give your full attention to driving. Driving safely is your first responsibility.
- Pull off to the side of the road and park before making or answering a call.
- Respect the local regulations in countries where you drive and use your cellular phone.
- If you want to use your phone in a vehicle, install the hands-free car kit which is designed for that purpose.
- Ensure that your phone and car kit do not block any air bags or other security devices fitted in your car.

! WARNING: Failure to follow these instructions could lead to serious personal injury and possible property damage.

Always switch your phone off

Your phone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your phone. Therefore, use of your phone must be restricted in certain situations.

- Turn your phone OFF before boarding an aircraft and/or when packing the phone in your luggage. The use of phones in an aircraft may be dangerous for the operation of the aircraft, disrupt the phones network and may be illegal.
- Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.
- Turn your phone OFF where there are posted notices.
- Turn your phone OFF 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.
- To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted “Turn off two-way radio”. Obey all signs and instructions.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6”) inches be maintained between a handheld wireless 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.

Never come closer than six (6) inches to a person with a heart pacemaker implant when using your phone. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers:

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Using the Cell Phone and Charger

Danger:

- Only use the battery and charger approved by the manufacturer. Using other brands may cause battery leakage, overheating, explosion or even fire.

Caution:

- Keep the phone away from dust, water and damp areas. Dust, water or other liquids may cause overheating, electrical leakage, and/or phone failure.
- The phone, battery, charger and AC adapter are not waterproof. Keep them away from water and other liquids.

Warning:

- Do not bump, shake or tamper with the phone or charger. This may cause battery leakage, overheating, explosion or even fire.
- Do not place the battery, phone or charger near a microwave or high-voltage device. This may cause battery leakage, overheating, explosion or even fire; also prevent the phone and AC adapter from overheating, smoking or short circuiting.
- Do not use the phone around volatile oil. This may cause fire, breakdown or damage.
- To avoid any damage or breakdown, do not disassemble the phone, battery, charger or internal components by yourself.

Using the Cellular Phone

Warning:

- Do not use the phone while you are driving. Pull over and stop your automobile to dial or answer a phone call.
- Usage of cell phones in aircrafts or in hospitals is prohibited. Turn the phone off to prevent interference with electronic medical devices. Follow any rules or regulations in such places.
- Do not use the phone at a gas station, near fuel or near chemicals.
- Do not use the phone near electronic medical devices such as hearing aids, pacemakers and auto-control devices such as fire detectors and automatic doors.
- If you have to use your cellular phone near an electronic medical device such as a pacemaker, please contact your manufacturer or dealer for information about preventing

interference.

Caution:

- Electronic systems in automobiles such as anti-lock brakes, speed control, or fuel spraying systems, are usually not influenced by wireless devices. Manufacturers of these systems will tell you whether they are provided with good screening functions. If you suspect that an automobile failure is caused by a wireless wave, please contact your automobile dealer.
- Avoid using your phone in crowded places.
- Do not store your cellular phone near or with a credit card, disk or other magnetic materials. This may effect information stored on your phone.
- Keep your phone away from pins. Pins can be absorbed by the phone's receiver magnet, which may cause harm.

Using the Battery

Danger:

- Do not dispose of the battery into a fire. Doing so may cause battery explosion or even fire.
- If you have difficulties installing the battery, do not force the installation. This may cause battery leakage, overheating, explosion or even fire.
- Keep metal objects away so they do not come in contact with the battery or its connectors as it may cause the battery to short circuit, overheat or explode.
- Do not weld the polarities of the battery directly together. This may cause battery leakage, overheating, explosion or even fire.

- Battery liquid is severely harmful for one's eyes. If battery liquid gets in your eyes, do not rub them. Instead, wash your eyes with water first and go directly to a doctor for help.
- Do not use or store your phone in high temperature areas. This may cause battery leakage, overheating, explosion or even fire.

Warning:

- Replace the battery when the normal usage time begins to decrease or if you notice the battery is overheated or has changed shape or color.
- If the battery begins to leak or emits a strange odor, properly dispose of the battery according to local regulations. Do not throw it into a fire.

Caution:

- Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

Using the Charger

Danger:

- Only use the charger that came with the phone. Using a different charger may cause the phone to breakdown or explode.
- If the charger short circuits, a fire may occur.
- Do not use a damaged, worn or broken charger. This may cause a fire.

- Clean dust away from the power socket to avoid the possibility of a fire.
- Do not store the charger near any liquids. If liquids spill onto the charger it may cause it to overheat or breakdown.
- If liquid does spill onto the charger, immediately unplug the power cable to prevent overheating, fire or another type of breakdown.
- Do not use the charger in places with high humidity like a bathroom. This may cause a fire or other breakdown.
- Do not touch the charger, power cable or socket with wet hands. This may cause an electric shock.

Caution:

- Keep the environment temperatures within the range of 0°C ~40°C while charging. Temperature below 0°C or higher than 40°C will cause insufficient charging, termination or even cause the battery to explode.
- Unplug the charger from its power source before cleaning it.
- Do not place heavy objects on the power cord. This may cause electric shock or fire.
- Hold the plug while unplugging the power cord. This will avoid any potential damage or even fire.

Requirements for Cell Phone

- Avoid using your phone in extremely high or low temperature. Use the phone in a temperature range from -10~55°C and humidity of 35%~85%.

- It is recommended that you do not use your cellular phone near a telephone, TV set, radio or other radio frequency sensitive devices.

Requirements for the Battery

- When not in use, store the battery in a cool, well-ventilated place with sunshine. If you will not be using the cellular phone for an extended period of time, charge the battery on a regular basis to avoid battery breakdown.
- The phone battery wears out fast. If charging the battery does not improve its performance, it is time to replace the battery. Properly dispose of the battery according to local regulations. Do not throw it into a fire.

Requirements for the Charger and AC Adapter

- Do not charge your phone under the following circumstances: sunshine, temperatures equal to or lower than 0°C, temperatures equal to or higher than 40°C, high humidity, dust, high vibration areas, or near a TV, a radio, etc.

Cleaning and Maintenance

- The cellular phone, the battery and the charger are not waterproof. Do not use them in places with high humidity like a bathroom and also avoid spilling any liquids on them.
- Use a soft cloth to clean the phone, the battery and the charger.
- Do not use alcohol, diluted liquid or benzene to clean the cellular phone.
- If dust gets in the sockets the phone can be damaged, short-circuit or even the lose the ability to be re-charged. Be sure to clean the socket regularly.

RF Exposure Information

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This model (FCC ID: T38PCD2090C) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.804 W/kg and when properly worn on the body is 1.367 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components 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.

This device complies with part 15 of the 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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

12 MONTH LIMITED WARRANTY

PERSONAL COMMUNICATIONS DEVICES (the Company) warrants to the original retail purchaser of this PCD handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

When sending your wireless device to PERSONAL COMMUNICATIONS DEVICES for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please

remove the card before submitting the device and store for later use when your device is returned, PERSONAL COMMUNICATIONS DEVICES is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to PERSONAL COMMUNICATIONS DEVICES for repair or service.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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