User Manual

Thank you for using our Mobile Phone. To guarantee the best performance of your phone, please read this manual carefully.

We reserve the right to make modification on print errors or update specifications without prior notice.

Contents

Safety Instructions

These instructions are intended for the safe and effective use of your phone. Please follow these guidelines. Failure to do so might cause the product to malfunction, or even a potential hazard to your health.

⚠	Do not use your mobile phone while driving. Park the car before making or answering a call.
⚠	Turn off your phone when refueling. Do not use your phone near a gas station, flammable, or chemical substances. **Warning! It may explode when exposed in fire.**
⚠	Do not use your phone during a flight. Wireless devices can cause interference in the aircraft.
⚠	Do not use your phone near medical equipments like pacemaker without requesting permission from the physician or medical staff.
⚠	Radio signals may affect the performance of your phone.
⚠	Do not touch any exposed parts of the antenna while in a call, it will affect the call reception and waste battery power.
⚠	Do not attempt to disassemble or modify the phone by yourself. Only authorized personnel should perform this service.
⚠	When you connect accessories to your phone, please read the safety guidelines carefully. **Do not use unauthorized products.**
⚠	Please use only the original accessories or products that are authorized by our company.
⚠	Keep out of children's reach.

Phone controls

Speaker	
Navigation keys	Center key
Left soft key	Right soft key
Talk key	Power/End key
Auto keypad lock	Silent mode On/Off key

Use the control buttons to do the following:

Navigations keys (Up/Down/Left/Right)
- Press to move the selection/control up, down, left, or right during options programming.
- Use to move the cursor around the lcd screen.

Left Soft key
- Press to operate the function that is displayed on the bottom left side of the lcd screen.

Talk key
- Press to make or to receive a call.
- Press in standby mode to open the call lists.

Auto Keypad lock
- Press and hold to activate the Auto keypad lock.

Center key
- In standby mode, press and hold to turn the Flashlight On or Off.

Right Soft key
- Press to operate the function that is displayed on the bottom right side of the lcd screen.

Power/End key
- Press to end an active call.
- Press to exit and return to standby mode.
- Power On/Off: Press and hold for 3 seconds to turn the phone On or Off.

Silent mode On/Off key
- Press and hold to turn the Silent mode profile to On or Off.

Preparation before use

Installing the SIM card

Your Subscriber Identity Module (SIM) card identifies you to the wireless network. Your phone will not work without the SIM card.

1 Remove the back cover by pushing it downward.

2 Insert or remove the SIM card:
- Insert the SIM card into the slot, copper contacts facing down as shown.
- To remove an already installed SIM card, pull the front edge with your fingertip and then and then take out the card.

Installing the battery

1 Insert the battery as shown in the picture. Make sure that the terminals on the battery aligns with the metal contacts on the phone.

2 Replace the back cover. Push it upward until the locking tabs clicks into place.

Charging the battery

1 Connect the AC adapter plug to an electrical outlet and connect the other end to the USB port at the lower left side of the phone.

2 When the power comes on, "Charging…" will be displayed on the LCD screen, and the charge indicator will start to scroll. It will only stop after the battery comes to full charge. If a battery is completely discharged, it may take a few minutes before the charge indicator appears on the LCD screen.

3 To fully charge when the phone is discharged, keep charging for at least three hours.

4 After the battery charge comes to full, disconnect the charger from phone and the socket of the alternating current.

Warning!
- Do not take out the battery when it is being charged.
- To ensure the best performance, please use original accessories. Using any unauthorized accessories may affect your mobile phone's performance.
- Personal data and settings in your phone and SIM card might lost when you take out the battery.

Power ON/OFF
Press and hold **Power** key to turn on or power off your phone.

Security number

■ **PIN1**
PIN (Personal Identity Number), is usually provided to a SIM card by the network operator. If you enter a wrong PIN three times in a row, it will be locked. You need to enter your PUK (Personal Unblocking Key) number to unlock. Please contact your network operator for more details.

■ **PIN2**
PIN2 is provided to some SIM. If you enter a wrong PIN three times in a row, it will be locked. You need to enter your PUK2 to unlock. Call your network operator for more details.

■ **PUK**
PUK (Personal Unblocking Key) is used to unblock the PIN. PUK is provided to a SIM card. If you lose or forget the password, contact your network operator.

■ **Phone code**
You can turn on the Phone code for your personal security and protects your phone against unauthorized use.

General features

Make a call by dialing
You have several choices for placing a call.

Dial the number	In standby mode, enter a phone number, press **Delete** key to clear a wrong entry. Press **Talk** key to dial out the number.
Dial from contacts	Find the number you want to call in your phone book and then press **Talk** key to dial out the selected contact.
Dial from the call list	Press **Talk** key in standby mode. The call lists will display starting from the most recently called number.
	Press **Talk** key to automatically dial the

displayed record, or press **Up** or **Down** key to scroll the list. Press **Talk** key to dial the selected record.

Answer a call

When a call comes in, phone will ring and/or vibrate according to your phone profile setting. It will show the caller's name if the network supports it. The caller's name display depends on whether you have saved it in your phonebook. Press **Talk** key, or press Option>**Accept** to answer.

In call options:

Mute	Press Option>**Mute/Unmute** key to activate or deactivate the mute mode.
Turn on the Speakerphone	Press Option>**Handsfree** to turn on the speakerphone . Press Option>**Handsfree off** to return to normal talk mode.
Hold a call	Press **Hold** key to hold the call.

Other options when receiving an incoming call:

Turn off the **Ringer**	Press Option>**Ringer off** to turn off the ringer.
Reject a call	Press **End** key or press **Reject** to reject the call.

To end a call conversation

When you have finished talking, press **End** key to end a call. You can also press **End** key if you want to terminate a call after you dialed.

Emergency calls

You do not need to own a SIM card to make emergency calls. Emergency calls may differ from different network operators, please contact your network operator to get your local emergency call number.

To make an international call

To make an international call, press ***** key successively until a "+" sign appears on the screen. Enter the country code, area code (without the first zero), and the phone number:

For example; Enter **49** for Germany, **44** for UK, **86** for China.

*Enter +**86**13798297223, when making an international call to China.*

Call Voicemail

Before using this feature, first setup the **Voice mailbox number** in **Menu**>**Phonebook**>**Special number**>**Voice mail**

1   Select **Listen to Voice Mail messages** in the Menu> Phonebook>Special number>**Voice mail**

2   Your voicemail number is dialed.

3   When the call connects, follow the voice prompt to retrieve your voice mail message.

Adjusting the volume

During a phone conversation, press the **Right** arrow key to open the Volume control display and then press **Up** or **Down** keys to adjust the volume of the earpiece or headset to your comfortable listening level.

Keypad lock

The Keypad lock function prevents an accidental pressing of keys that causes unnecessary operation of your phone.

In standby mode, press and hold ***** key to lock the keypad. Press **Unlock** key and then press ***** key to disable the keypad lock. (To enable a permanent keypad lock setting, please see "Keypad Locking settings" on Settings>**Phone settings** menu.)

Standby mode

With phone in standby mode, you can access the following functions:

Menu	Press **Menu** key to open the phone menu.
Phonebook	Press **Phonebook** key to directly access the Phonebook home menu.

Flashlight	Press and hold **Center** key to turn the flashlight **On** or **Off**.

Phone Menu

■ **Phonebook**
    1 Create
        1 Save to SIM
        2 Save to Phone
    2 Browse
    3 Group
        1 Family
        2 Friends
        3 office
        4 Others

    4 Special number
        1 Own number
        2 Voice mail
    5 Advanced
        1 Speed dial
        2 Copy
        3 Delete all entries
    6 Storage status
    7 SDN numbers

■ **Short Message**
    1 Write message
    2 Inbox
    3 Outbox
    4 Draftbox
    5 Templates
    6 Delete all
    8 Message setup
    9 Broadcast message
    10 Storage status

■ **Call Records**
    1 Incoming Call
    2 Outgoing Call
    3 Missed Call
    4 Call Duration
    5 Delete All

Phonebook

To view the contacts on your phone, press Menu>**Phonebook** and then select **Browse**.

Create a contact

    1   In the Phonebook menu, select **Create**.

    2   Select the memory location; **Save to SIM** or **Phone**. and then press **OK** key.

    3   Input the number and then press **Save**.

    4   Input the name and then press **OK** key to confirm.

Browse mode

A way to find a contact quickly is to press a letter key (**A~Z**) that corresponds to the first letter of a name, and the search will jump to the first entry beginning with that letter.

Press **Up** or **Down** key to scroll through the list.

Also, you can press **Option** to do the following;

Call	Calls the selected contact.
Send SMS	Sends SMS message to the selected contact.
Detail/Edit	Displays the stored information on the selected contact. You can then edit the displayed detail.

Delete	Deletes the selected record.
Create	Adds new phonebook record.
Copy to SIM/ Phone	To copy the selected record in the phone memory or vice versa.
Storage status	To view the SIM and Phone memory status.

Group
You can assign Phone contacts into Groups.

1 In the Phonebook menu, select **Groups**.
2 Select; **Family**, **Friends**, **Office**, or **Others**.
3 On the next menu, select;

Group member: To display the records stored under the selected group category. In the Option context menu, you can have an option to Add or Delete a member on the group.
Rename: To edit the group name.
Alert tone: To assign a distinctive tone on the group. When a member from the group calls in, the assigned ring tone will play.

Speed dial
You can assign Speed dial numbers to the keys **2** ~ **9** and make a call via speed dialing.

1 In the Phonebook menu, select Advanced>**Speed dial**.
2 Select a Speed dial key location and then press **OK**.
3 Select **Set/Change**.
4 Browse the phonebook record you wish to assign and then press **OK**.

To make a Speed dial call;
In standby mode, press the Speed dial key memory location and then press **Call** Key to dial out the stored number.

Copy all
You can copy your contact list from SIM to Phone or vice versa.

1 In the Phonebook menu, select Advance>**Copy**.

2 Select; **From SIM card to Phone** or **From Phone to SIM card**.

Delete all entries

1 *In the Phonebook menu, select Advanced>**Delete all entries**.*
2 Select; **Delete all phone entries** or **Delete all SIM entries**.
3 Press **OK**.
4 In the prompt, press **OK** again to confirm.

Short Message

Write New SMS

Before you start, make sure that the number of the service center is set. The number is supplied by the service provider and is usually saved on the SIM card.

1 Press Menu and then select Short Message>**Write Message**

2 Type your message. As you type, you'll be able to track how many characters you're creating.
■ Press **Delete** to clear a wrong input, press and hold **Delete** to clear the whole entry.

■ Press **#** key repeatedly to set the text input mode; *language guobi, abc, Abc, ABC, or 123*.

■ If the next letter you want is located on the same key as the present one, wait until the cursor is shown and key in the letter.

■ To add a common punctuation mark, press **1** key repeatedly until the character is displayed.

■ To add a symbol, press ***** key, scroll to the character and press **OK** to input.

3 After completing your message, press **OK** and select;

Only send - Sends the message by dialing the
recipient number or search the recipient from the

Contact list.

Only Save - Stores the message in the Draftbox memory.

Send and save - To send and then save the message in the Outbox memory.

Send to many - To send the message to two or more recipients. You can add up to 5 recipients.

SMS Read view
When receiving a text message, a message alert will be heard. Press **Select** and then **OK** key to open the message.

Reading a Text message: Open the Short message>**Inbox** folder. The message lists will display starting from the Unread or most recently viewed. Select the message in the list and then press **Accept** key to read the content.

From a SMS message read view, press **Option** to do the following:

Delete	Deletes the current message.
Text Reply	Opens the Message write box to reply the message sender.
Forward	Forwards the message to other contact/s.
Edit	Opens the Message edit box. You can then edit the message draft before sending.
Dial back	Calls the message sender.
Extract number	Displays the phone number of the message sender. You can then call, or save the number to your phonebook.

Save message as draft

1 While composing, press Option>**Only save**.

2 To used a stored message in the draftbox menu, select the message from the list and then select **Edit**. After editing, you can then select the option to send it.

SMS message settings

To set your SMS setting preferences, press Menu>Short Message>**Message setup**.

Service Center	Select to view/change the service center Number. **Note:** The service center number is usually assigned by the SIM card provider.
Protocol type	Sets the message protocol type to Text, Fax, or Email. The option is set to **Text** by default.
Validity Period	Sets the time interval during which the SMS Center will try to send the message; **1 Hour, 12 Hours, 24 Hours, 1 Week, 1 Month, 3 Months,** or **Maximum.**
Status Report	Set to **On** if you want the network to send a delivery report, otherwise set the option to **Off**.
Reply Path	Set to **On** if you want the network to send a reply back information to the receiver, otherwise set the option to **Off**.
Storage media	Sets the message storage memory location; **SIM** or **Phone preferred**.

Call Records

Your phone records the Missed call, Incoming call, Outgoing call, and Call Duration.

Incoming Call
Shows the answered incoming calls. It shows the telephone number or the name (if the caller's number is identified with the name and number that is stored in the Phonebook memory), date, and time of the call.

1   In the Call Records display, select **Incoming Call**.

2   The received call list will display, select the record you wish to view.

3   Press **Option** and then select;
Dial, **Send SMS**, **Delete**, **Save Number**, **Delete all**, or **Show number**.

Outgoing Call

Shows the list of phone numbers that you have most recently dialed or attempted to call.

1   In the Call Records display, select **Outgoing Call**.

2   The dialed call list will display, select the record you wish to view.

3   Press **Option** and then select;
Dial, **Send SMS**, **Delete**, **Save Number**, **Delete all**, or **Show number**.

Missed Call

Shows the latest records of unanswered incoming calls if available from the network.

1   In the Call Records display, select **Missed Call**.

2   The missed call list will display, select the record you wish to view.

3   Press **Option** and then select; **Dial**, **Send SMS**, **Delete**, **Save Number**, **Delete all**, or **Show number**.

Call duration

Shows the elapsed time of incoming calls, Outgoing calls, and the most recent last call.

1   In the Call Records display, select **Call duration**.

2   The LCD screen will display the **Outgoing Duration**, **Incoming Duration**, and the **Last Call Duration**.

Press **Reset** key to reset the time duration back to zero.

Extras

Calculator

The calculator allows you to carry out simple arithmetic operation (addition, subtraction, multiplication, and division).

To access the calculator menu;

1   Press Menu>Extras and then select **Calculator**.
2   Input the first number/s (not more than 9 digits).
3   Select the arithmetic operation.
    Up key: + (Addition)
    Down key: - (Subtraction)
    Left key: x (Multiplication)
    Right key: / (Division)
    Press **#** key to enter a negative sign before the number,
    or press ***** key to enter a decimal point.
4   Input the second number/s (not more than 9 digits).
5   Press **Equals** key to display the result.

Calendar
To view the calendar.
1   Press Menu>Extras and then select **Calendar**.
2   The calendar will display.
    Press **Up** key repeatedly to view the calendar date on
        previous months.
    Press **Down** key repeatedly to view the calendar date
        for coming months.

Alarm
You can set three alarm time options in your phone.

Setting the Alarm clock
1   Press Menu>Extras and then select **Alarm**.
2   Select; **Alarm 1**, **2**, or **3**.
3   Press **Left** or **Right** key to select; Off, Once, Mon~Fri,
        Everyday, or Customize.
        In the customize alarm, press **Left** and **Right** keys
        to browse the day and then press ***** key to mark.
4   Press **Down** key. Set the alarm time. Press **Up** or **Down**
        key to change AM or PM.
5   Move the control to the Alarm tone field. Press **Left** or
        Right key to select your desired alarm ring tone.
6   Press **OK** key to save the setting.

FM radio
Note: Plug the earphone before using the FM radio.

Press Menu>Extras and then select **FM Radio**.

FM Channel Auto Search;

1 In the FM radio controls menu, press Menu>**Auto search**.

2 The display will prompt "Preset list?"

3 Press **Yes**. The phone will scan for active and clear FM radio channels and stores them in the Channel list memory.

FM Channel Set Frequency;

You can manually enter the band width frequency of your favorite FM radio station.

1 In the FM radio controls menu, press Menu>**Set Frequency**.

2 Input the band width frequency. To enter a decimal point, press # key twice.
To save the channel into the Channel list, press Menu>**Save Channel**.

Changing channels;

While tune in to a current FM channel, press **Center** key to change Channel, or

1 Press Menu>**Channel** to display the Channel list.

2 Use **Up** or **Down** keys to browse the FM channel list. Press Menu>**Select** to open the selected channel. While in the Channel list, you can also press **Menu** to do the following;

Delete Channel: Deletes the selected channel.

Rename: Edits the channel name reference.

Play FM radio in the Loudspeaker;

While tune in to a current FM channel, press Menu>**Set Loudspeaker.** Select **On** and then press **OK**.

Adjusting the receiver volume;

While tune in to a current FM channel, Press 【#】 key to increase, or press 【*】 key to decrease the sound volume.

Conversion

Your phone can perform several unit conversions.

1 Press Menu>Extras and then select **Conversion**.

2 In the Type field select; **Currency**, **Landmeasure**, **Energy**, **Length**, **Quality**, **Power**, **Pressure**, **Temperature**, **Time**, **Velocity**, or **Volume**.

3 Press **Down** key once. Set the base unit reference.

4 Press **Down** key to move the cursor on the target Unit field. Press **Left** or **Right** key to select the target unit reference.

5 Press **Down** key to move the cursor to the Input field. Enter the number, the converted value will be displayed on top of the target unit field.

Flashlight

1 Press Menu>Extras and then select **Flashlight**.

2 Select **On** to turn on the flashlight, otherwise select **Off**.

SIM Tool Kit

This menu option allows you to access a range of SMS based services that helps you do more. Simply select the desired service from the service menu. To get the list of services available for your handset or for assistance on any of these services, please call your SIM network.

There are different menus according to different SIM cards.

Settings

You can set the general functionality of your phone. Press **Menu** and then select **Settings**.

Phone settings

Press Menu>Setting and then select **Phone settings** to set the following;

Display settings

Backlight	Sets the back light behavior; **Always on**, **15 seconds on**, or **30 seconds on**.
Wallpaper	Sets the wallpaper screen display; **Wallpaper 1**, **2**, **3**, or **4**

Greeting note	Select **Enable** if you want to add a greeting message display during start up.
Language	Sets the operating language. The language list available on your phone depends on the model version.
Date time display	Select **Enable** if you want to show the date and time in the standby mode.

Security settings

Power on PIN1	Set to **On** to enable the PIN1 code entry of your SIM before the phone proceeds to turn on. You can also select **Change PIN1** to change the PIN1 code.
Change PIN2	Changes the PIN2 code. This function is network dependent. Please call your SIM network to get more details.
Phone code	Select **On**, **Off**, or **Change phone code**. The default phone code setting is **0000**.

Clock settings

Date & Time setting	Sets the time and date display of your phone.
Date display format	Sets the display format of the date.
Date separator	Sets the format to separate the date.
Time display format	Sets the time format to either **12 hours** or **24 hours**.

Keypad Locking Settings
Sets the keypad locking behavior; **Disable**, **30 Seconds**, or **60 Seconds**.

Network settings

Call waiting	To display incoming calls when you are on a call. Select to Activate or Deactivate the call waiting function of your phone.

Call forwarding	Diverts a call to another number. Selects how you want the Unconditional, when Busy, No answer, and No service call to be handled.
Call barring	This feature is network dependent. Please call your SIM network to get more details. Select; All outgoing calls, All Int'l call, Int'l except to home, All incoming calls, or Incoming while roam.

Call settings

Caller ID	Set to; Default setting, On, or Off.
Auto redial	Set to **Enable** or **Disable.** When enabled, your phone will automatically redial the number you called if the called party is busy or does not answer.
Any key answer	Set to **Enable** or **Disable**. When enabled, you can answer a call by pressing any of the functional keys except **End** key.

Shortcut settings

A quicker way to access a function is by using the shortcut setting of your phone. You can set the most often used functions in the shortcut keys to access them via touch of a button.

1 Press Menu>Setting and then select **Shortcut settings**.
2 Select the function key; **Left key**, **Right key**, **Up key**, or **Down key**.
3 Select the relevant function that you wish to assign on the selected key; **Inbox**, **Phonebook**, **Call Records**, **Alarm, Multimedia, Short Message,** or **File Browser**.

   With the phone in standby mode, press the function key (Left, Right, Up, or Down) to quickly access the assigned function.

Network select mode
Select a wireless operator network via manual scanning, or select a network automatically.

Profiles
You can choose how your phone operate in different environment.

1 Press Menu>Setting and then select **Profiles**.
2 Select; **Standard**, **Conference**, **Outdoor**, **Mute**, or **Customize**.
3 Set the selected profile to; **Set as default**, **Personalize**, or **Reset**. When choosing reset, the profile settings will change back to default.

Personalize Profile settings
You can customize the following options;

Ringing tone: Sets the call ringing tone. Browse the list to select your desired incoming call ring tone.

SMS alert tone: Sets the Message tone. Browse the list to select your desired SMS ring tone.

Call alert: Set to; **Ring once**, or **Repeat ring**.

Ringing volume: Sets the volume level of the call ringing tone. Press **Left** or **Right** key to adjust the volume to your desired level.
Key volume: Sets the volume level of the key tone. Press **Left** or **Right** key to adjust the volume to your desired level.

Vibrating alert: Set to **On** to enable the vibrate mode, otherwise set to **Off**.

Title: Enters a name for the personalized profile.

Factory Default
Select to change the phone settings back to default.

Maintenance

Battery instructions

When the phone automatically turns off or indicates the alarm information of power shortage, please charge the battery in time.

- For the first few times, please charge the battery fully.
- When not in use, please separate the battery with power supply. Overcharging will shorten the life of the battery.
- Do not expose your products to extreme high or low temperatures. Do not expose the battery to temperature above +40 °C.
- Do not use damaged battery.
- Do not expose your mobile phone to direct sunlight or in hot areas. High temperatures can shorten the life of electronic devices.
- Do not expose the battery into fire or throw it away. Return the worn-out battery to the provider or put it in the appointed recycle place. Do not throw it in familial rubbish.

Follow these guidelines to protect your product:
- keep the product out of children's reach
- Keep your product dry. Do not expose it to liquid or moisture.

- Do not short-circuit the battery, as this can cause excessive heat to bring about fire.
- Do not expose your mobile phone to direct sunlight or in hot areas. High temperatures can shorten the life of electronic devices.
- Do not attempt to disassemble the phone and battery by yourself.
- Prevent any liquid from leaking into your phone.
- Please only use original accessories. Using any unauthorized accessory may affect your mobile phone's performance.

Security Requirements

Before making or answering a call, you should pay attention to the local laws about the use of wireless mobile phones and take them into account in practical use.

Traffic safety
- Pay attention to traffic safety. Do not use your mobile phone while driving. Park before making or answering a call.
- Without enough shield, some electronic devices in the car might interfere to the radio frequency of your phone.
- If you have to use your phone in a car, make sure it has an antenna.
- Only qualified technician can install your phone into your automobile.

Flight Safety
Please turn off or set your GSM mobile phone to **Flight** profile before the airplane takes off or landing. This is in order to protect the airplane's communication system from interference, it is never allowed to use mobile phone when it is in flight.
Using mobile phone before the plane taking off or landing should get aircrew's permission according to safety regulations.

Do not use your phone where a potentially dangerous atmosphere exists.
Operating of mobile phone may interfere with medical devices like hearing aids and pacemakers.

Please strictly observe with the restrictions on the use of wireless devices.

Warning!
1 **The performance of the phone depends on your local network operator's card and how you actually use it.**
2 **We are not responsible for any damage/s due to inappropriate use.**
3 **We reserve the right to make any modifications on this manual without prior notice.**

FCC Part 15 Compliance

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.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with

the limits for a Class B digital device, pursuant to part 15 of the

FCC Rules. These limits are designed to provide reasonable

protection against harmful interference in a residential

installation. This equipment generates, uses and can radiate radio

frequency energy and, if not installed and used in accordance

with the instructions, may cause harmful interference to radio

communications. However, there is no guarantee that

interference will not occur in a particular installation. If this

equipment does cause harmful interference to radio or television

reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference

by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted 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, in general, the closer you are to a Wireless base station antenna, the lower the power output. Before a new model phone is a available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, Tests for each phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.
For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 1.5 cm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.