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# **H31IA User Manual**

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- Please read this manual before using your phone.
  - All illustrations in this user manual are for illustration only and may not accurately depict the actual phone.
  - We operate a policy of continuous development and reserve the right to make changes and improvements to any of the products described in this manual without prior notice.

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## 1. Safety information





Read these precautions carefully before using to ensure that you use the phone safely and correctly.

The precautions listed here are intended to prevent injury to the phone user and to others, and to prevent unintended damage to property.

- The designations below Indicates the severity of the injury or damage that may be incurred if the designated precautions are not followed and the product is used incorrectly.

 <b>DANGER</b>	Indicates that, if this warning is ignored, improper handling of the product is likely to result in death or serious injury.
 <b>WARNING</b>	Indicates that, if this warning is ignored, improper handling of the product could result in death or serious injury.
 <b>CAUTION</b>	Indicates that, if this warning is ignored, improper handling of the product could result in personal injury or material damage.

The icons shown below are used to indicate instructions that should be observed.

 <b>Prohibited</b> Circular icons with a diagonal bar notify the user that the action indicated is prohibited.	 <b>Do not disassemble</b> This icon indicates that the device must not be disassembled.
 <b>Essential</b> Filled circles notify the user of an action that must be performed.	 <b>Unplug</b> This icon indicates that the device must be unplugged from the power socket.

### General Precautions When Using the Phone, Battery and AC adapter


## **DANGER**

Only use the battery and AC adapter specified by our brand for use with this phone. The use of a battery or AC adapter other than that specified could result in the battery leaking fluids, overheating, bursting or igniting.








## WARNING

Do not subject this product to strong shocks or vibrations or throw it around, as this could result in the battery leaking fluids, overheating, bursting or igniting, and could damage the phone and cause faults or a fire.	 Prohibited
Do not place the battery, the phone itself or the AC adapter in a microwave oven or pressure cooker, as this could result in the battery leaking fluids, overheating, bursting or igniting, or could cause the phone or AC adapter to overheat, emit smoke, or ignite, or could damage the circuitry inside the device.	
Do not use this product in places where there are inflammable gases, as this could cause the gases to ignite or result in device damage, faults or a fire.	
Do not put the SIM card in the place which is within children's reach.	








## CAUTION


Do not store this product in a very damp, dusty or hot location, as this could result in faulty operation.	 Prohibited
Store this product out of the reach of small children, as it could cause injury if used as a toy.	 Essential
Do not leave this product on an unstable or sloping surface, as it could fall and be damaged or cause injury.	 Prohibited

## Precautions When Using the Phone

### **WARNING**

Do not use your phone while driving, as this is dangerous and could cause a traffic accident. Pull over and park in a safe place before using the phone.	 Prohibited
Switch off the phone when you are in places where the use of phones is prohibited, such as in an aircraft or hospital. Phones can adversely affect the operation of electronic instrumentation and medical equipment. For information on using your phone in a medical facility, refer to the directives provided by the facility itself.	 Essential
Do not use your phone around electronic devices that use very weak signals or require very precise control. Radio wave interference can cause malfunctions or other problems in electronic devices. Examples of affected devices: Hearing aids, pacemakers and other electronic medical aids, fire alarms, self-opening doors and other automatic control devices, etc. For more information on the effects of mobile phones on pacemakers and other electronic medical aids, check with the device manufacturer or supplier.	 Prohibited
Do not attempt to disassemble or modify your phone as this could cause injury or electric shock and could damage the phone.	 Do not disassemble
Please make a copy of important data. Our company does not assume the lose of data due to malfunction.	 Essential

### **CAUTION**

When the phone is used in some types of car, it could possibly affect the operation of electronic components in the car. Do not use the phone if it adversely affects the safe operation of the vehicle in any way.	
Do not use your phone in crowded places as the antenna could strike someone and cause injury.	
Keep your phone away from magnetic cards. Emissions from the phone can erase the information stored on floppy disks and cash cards or credit cards.	 Prohibited
Keep sharp metal objects such as thumbtacks away from the earpiece speaker. The dynamic speaker in the earpiece is magnetic and could attract sharp objects, causing injury.	
Keep the phone dry. Water or other fluids entering the phone could cause overheating, electric shock or damage to the phone.	

## Precautions When Using the Battery



### DANGER


Do not dispose of the battery by throwing it in a fire, as this could cause the battery to ignite or burst.	
If you are having difficulty connecting the battery to your phone, do not use force as this could cause the battery to leak fluids, overheat or ignite.	
Do not short-circuit the battery terminals, and do not touch the terminals with metal objects such as paper clips or needles. Also, do not carry or store the battery with objects such as metal necklaces. Any of these could cause the battery to leak fluids, overheat, burst or ignite.	 Prohibited
Do not solder the terminals as this could cause the battery to leak fluids, overheat, burst or ignite.	
Any fluid from inside the battery coming into contact with the eye could cause loss of vision. If this occurs, flush the affected eye with clean water (without rubbing) and seek immediate medical treatment.	 Essential
Do not attempt to disassemble or modify the battery as this could cause the battery to leak fluids, overheat, burst or ignite.	 Do not disassemble
Do not use or store the battery in hot places such as near a fire or heating appliance. This could cause the battery to leak fluids, overheat, burst or ignite.	 Prohibited



### WARNING








If there are any noticeable changes in the battery while being used, charged or stored (overheating, discoloration, deformation, etc.), remove the battery from the phone or AC adapter and discard it. Continued use of the battery in such conditions could cause the battery to leak fluids, overheat, burst or ignite.	 Prohibited
Any battery fluid coming into contact with your skin or clothing could cause skin damage. Wash the fluid off immediately with clean water.	
If the battery is leaking fluid or producing any odor, move it away from any naked flame as this could cause the leaking fluid to ignite, resulting in a fire or in the battery bursting.	 Essential

## CAUTION




Keep the battery dry. Moisture on the battery could cause the battery to overheat, emit smoke or corrode.	 Prohibited
Do not use or leave the battery in direct sunlight or in hot places such as in a car on a hot day. This could cause the battery to leak fluids and overheat, and could impair the performance or reduce the lifetime of the battery.	

## Precautions When Using the AC adapter

## DANGER

Always use the AC adapter with a domestic power supply (eg. 220 V AC). The use of other voltages could cause an electric shock, fire, or damage to the AC adapter.	 Essential
Never short-circuit the AC adapter plug as this could cause an electric shock, fire, smoke, or damage to the AC adapter.	 Prohibited
Do not use the AC adapter if the power cord is damaged (core wiring exposed or cut, etc.) as this could cause a fire or electric shock.	
Clean off any dust on the power plug as this could cause a fire.	 Essential
Do not place containers of water (jugs, etc.) near the AC adapter. Water on the AC adapter could cause overheating, an electric shock or damage to the devices.	 Prohibited
If any water or other liquid gets into the AC adapter, immediately unplug the power cord. Failure to do so could cause the AC adapter to overheat or catch fire, or cause an electric shock or damage to the AC adapter.	 Unplug
Do not attempt to disassemble or modify the AC adapter as this could cause injury, an electric shock, fire, or damage to the AC adapter.	 Do not disassemble
Do not use the AC adapter in places with a lot of water vapour, such as a bathroom, as this could cause an electric shock.	 Prohibited
Do not touch the AC adapter, the power cord or the power socket with wet hands as this could cause an electric shock.	

## CAUTION

Always unplug the AC adapter before performing any cleaning or maintenance. Failure to do so could cause an electric shock.	 Essential
Do not place heavy objects on the power cord or attempt to modify the power cord as this could cause an electric shock or fire.	 Prohibited
Always grasp the AC adapter itself when you unplug the AC adapter. Pulling on the power cord can damage the cord and cause an electric shock or fire.	 Essential



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## General Notes on Cleaning and Maintenance

**Do not splash water on the phone or AC adapter.**

The phone, battery and AC adapter are not manufactured to waterproof specifications. Do not use them in places where there is a lot of water vapour, such as a bathroom, and take care to protect them from rain.

**Use a soft, dry cloth to clean the phone and AC adapter.**

Wiping the phone or AC adapter with a wet cloth could cause faults. Also, solvents such as alcohol, thinners or benzine may remove the printed lettering on the phone or cause discoloration.

**Wipe the AC adapter plug clean occasionally with a dry cloth.**

Soiled AC adapter plug result in a poor electrical connection which can cause power loss. This can also prevent the AC adapter from recharging the battery correctly.

## Notes on the Phone

**Do not expose the phone to extremely low high temperatures.**

Use the phone in temperatures between 5°C and 35°C and a humidity of 35% to 85%.

Use the phone as far away as possible from equipment such as conventional phones, TVs, radios and electronic office equipment, as the phone can affect the operation of such equipment.

Do not discard the phone with garbage. Please check with the relevant local authorities for the correct method for disposing of your phone.

## Notes on the Battery

Store the battery in a cool, well-ventilated location that is not exposed to direct sunlight.

**The battery has a limited life.**

However, the life of any battery is limited, and the amount of time for which a battery can be used between recharges gradually decreases. If repeated recharging fails to restore the battery's functionality, the battery life has expired and should be replaced with a new battery of the specified type.

**Do not dispose used batteries with ordinary household garbage.**

Apply insulating tape to the battery terminals before you dispose of the battery. Check with the relevant local authorities for the correct method for disposing of your battery.

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## Notes on the AC adapter

**To avoid malfunctions, do not charge the battery in the following places:**

- In direct sunlight
- Where the ambient temperature is below 5°C or above 35°C
- In humid or dusty locations or places subject to vibrations (this could cause malfunctions)
- Near an appliance such as a TV or radio (this could impair picture or sound quality).

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**Note:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Some electronic devices are susceptible to electromagnetic interference sent by phone if inadequately shielded. Please use phone at least 20cm or as far as you can from TV set, radio and other automated office equipment so as to avoid interference.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

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.

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.

The exposure standard for this phone employs a unit of measurement known as the Specific absorption Rate, or SAR. The SAR limits set by the FCC are 1.6W/kg. Tests for SAR 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.

This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless

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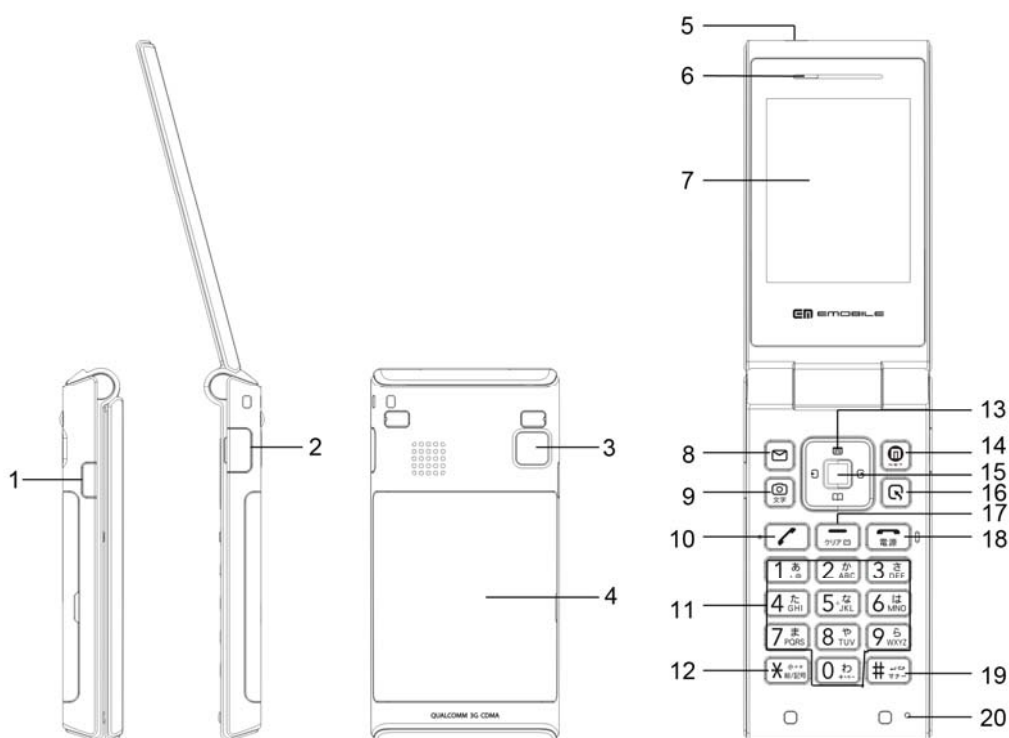
base station, the lower the output power. Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified by the FCC that it does not exceed the limits established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body and then reported to the FCC.

While there may be differences between the SAR levels of various phones and at various positions, they all met the governmental requirements for safe exposure. Please note that improvements to this product model could generate differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The highest SAR value for this H311A model phone when tested for use on the Towards ground were 0.940 mW/g.

For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body without any metal parts in the vicinity of the handset.

## 2. Illustration of the phone and functions



	keys and parts	Basic functions
1	Infrared ray port	-----
2	Charger and data cable connector	-----
3	Camera lens	-----
4	Battery cover	-----
5	Indicator light	-----
6	Earpiece	-----
7	screen	-----
8	Mail key	Execute the function shown at the bottom left of the display
9	Camera key	Switch the input method
10	Send key	Make/ answer calls
11	0~9 key	Enter numbers and characters
12	* key	Press once to input "*", press twice to input "+", press the third times will input "P"
13	Navigation key	Move the cursor and highlighted item
14	EMnet key	Execute the function shown at the bottom right of the display
15	Center key	Execute the function shown at the bottom middle of the display
16	Short Cut key	Enter the shortcut function in idle
17	Cancel key	Clear characters
18	End key	Power the phone on/off End a call

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19	# key	Press # to input # in idle
20	Microphone	-----

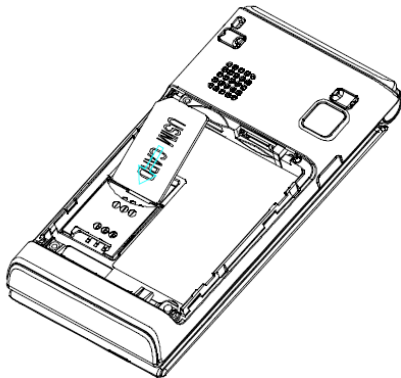
### 3. Basic functions of the keys in idle

Keys	Press	Press and hold
Mail key	Enter mail main menu	Create mms
EMnet key	Open the EM top page	Enter Browser Menu
Camera key	Activate the take photo module	Activate the take video module
Short Cut key	Enter the shortcut function	-----
Center key	Enter the main menu	Lock or unlock the keypad when the Lock function is set to on
Navigation key (up)	Enter calendar	Enter the alarm screen
Navigation key (down)	Enter the phonebook	Add a phonebook record
Navigation key (left)	Enter the incoming call	Enter the received message screen
Navigation key (right)	Enter the dialed call	Enter the sent message screen
Send key	Go to off hook dial	-----
End key	-----	Power the phone off
Cancel key	Enter the answer phone	Set the answer machine function to on/off
0~9 key	Enter numbers and characters	Dial out the speed dial number
* key	Press once to input "*", press twice to input "+", press three times to input "P"	Input *
# key	Input #	Switch to manner mode or release from manner mode

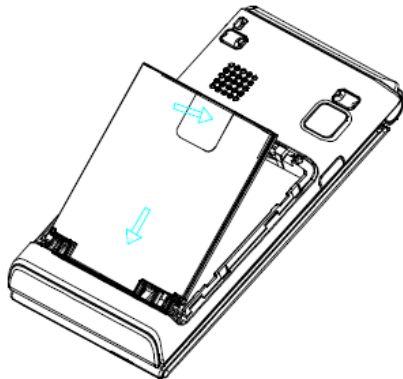
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## 4. Installing the USIM card and battery

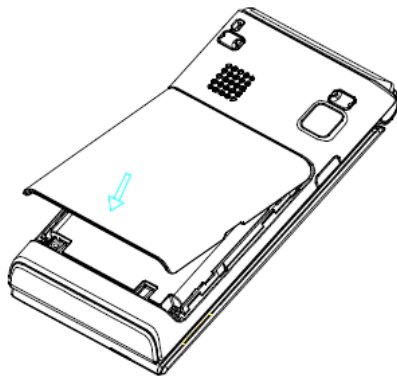
1. Insert the USIM card into the slot. Please insert the card with the metal contact of the card facing downwards.



2. Attach the battery to the phone shown as below.



3. Attach the battery cover to the phone shown as below.

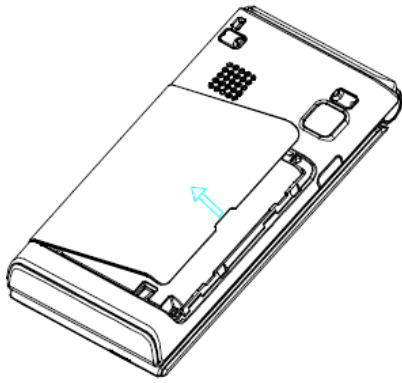


Notice: You must use the original battery.

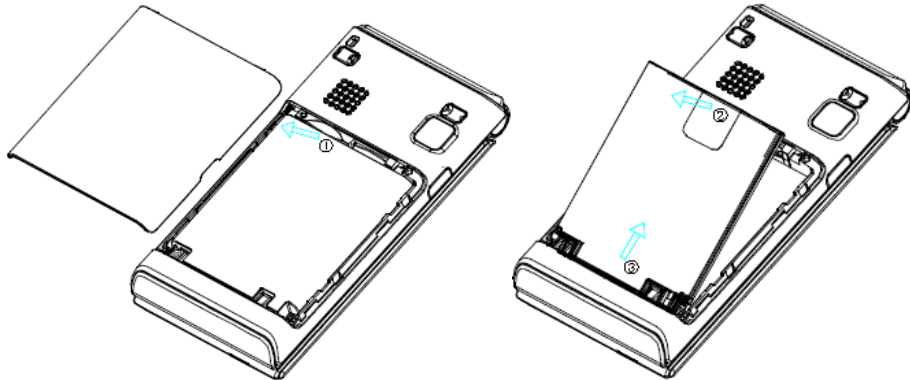
## 5. Removing the USIM card and battery

1. Power the phone off.
2. Remove the battery cover shown as below.

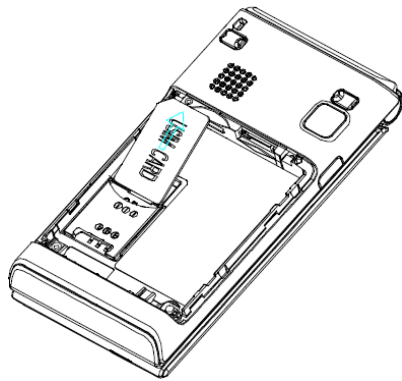




3. Remove the battery shown as below.

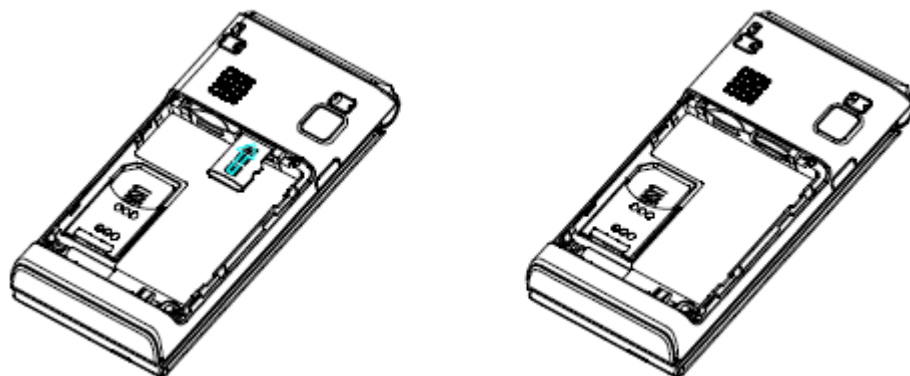


4. Pull out the card from the slot in the direction indicated by the arrow.



## 6. Installing the microSD Card

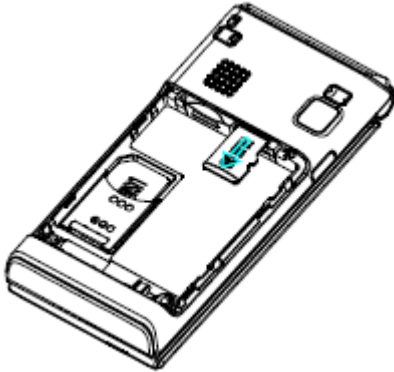
1. Power the phone off and remove the battery from the phone.
2. Insert the card into the slot in the direction indicated by the arrow.



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## 7. Removing the microSD Card

1. Power the phone off and remove the battery from the phone.
2. Remove the card from the slot in the direction indicated by the arrow.



Notice: Don't remove the microSD card when functions related to the card are being executed.

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## 8. Powering the phone on/off

To power the phone on, press and hold [End] key when it is off

If handset lock is set on, you are required to enter the password. The phone password is preset to "1234" for your convenience.

If the USIM card is inserted in the phone and the relevant PIN protect is set on, you are required to enter the PIN code. If you input wrong PIN codes three times in a row, you need to input the PUK code. Both the PIN and PUK code are provided by the network operator.

To power the phone off, press and hold [End] key when it is in idle.

## 9. Adding an entry to phone book

Enter the phone number in idle and then press [Save].

Or enter the main menu > Phone Book > Add New Entry.

## 10. Making a call

### Making a call in idle

Enter the phone number you want to call and press [Send] key.

Press [End] key to end the call.

### Dialing from the latest outgoing call list

In idle press Navigation key (right) to enter the latest outgoing call list. Select one you want to call and press [Send] key.

### Speed dialing

After you assign phone numbers to [0] ~ [9] key, press and hold [0] ~ [9] key in idle for speed dialing.

### Making an international call

In idle press [\*] key twice to enter "+", then enter the area code and number, and press [Send] key.

## 11. Answering a call

Press [Send] key to answer a call.

## 12. Checking and dialing from call records

In idle press Navigation key (left) to enter the incoming call list and press Navigation key (right) to enter the dialed call list. Select the record you want to call and press [Send] key.

## 13. Troubleshooting

Problem	Possible cause	Solution
Unable to power on	Is the battery power low?	Please charge the battery.

	Do you press [End] key long enough?	Please press and hold [End] key for 2 seconds or longer.
	Is the battery installed correctly?	Please install the battery correctly.
<b>Unable to make a call</b>	Is the phone outside of the service area?	Move to a place where signal can be received strongly.
	Is the number you dial correct?	Check the number and dial again.
<b>Communication interrupted suddenly</b>	Is the phone outside of the service area?	Move to a place where signal can be received strongly.
	Is the battery power low?	Please charge the battery
	Are you moving in high speed during conversation?	The signal will interrupt when the phone switch between 2 cell station. Please move in low speed.
<b>Unable to Charge the Battery</b>	Is the power cord plugged to the phone correctly?	Please plug the power cord to the phone correctly.
	Is the connections OK?	Please check the connection.
	Is the battery old?	Replace the battery.

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# R&TTE Declaration of Conformity

We, Inventec Appliances (Jiangning) Corporation

113, Jiangjun Road, Jiangning Economic and Technological

Development Zone, Nanjing 211153, P.R.China

declare under our sole responsibility that the product:

Product Name: GSM/GPRS/EDGE Tribands/WCDMA

Digital Mobile Phone with Bluetooth

Product Model: H31IA

**to which this declaration relates is in conformity with the *essential requirements and other relevant requirements* of the R&TTE Directive (1999/5/EC).**

**The product is compliant with the following standards and/or other normative documents:**

SAFETY (art 3.1.a): EN 60950-1:2006

HEALTH (art 3.1.a): EN 50360:2001 EN 62209-1:2007

EMC (art 3.1.b): ETSI EN 301 489-1 v1.6.1 ETSI EN 301 489-7 v1.3.1

ETSI EN 301 489-17 v1.2.1 ETSI EN 301 489-24 v1.4.1

SPECTRUM (art 3. 2): ETSI EN 301 511 v9.0.2 ETSI EN 301 908-1 v3.2.1

ETSI EN 301 908-2 v3.2.1 ETSI EN 300 328 v1.7.1

Signed:...



Name: William Zhang

Title: Product Certification Manager

Date: August 24, 2009