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I Safety and Precautions:

To use your cell phone safely and effectively, please read the following information before use:

- ◆ Please turn off your phone when you are near a chemical plant, a gas station, an oil depot or other explosives.
- ◆ Please keep your phone out of reach of children.
- ◆ To ensure safety, please use earphone during driving; Otherwise, unless emergency, make a call after parking your car by the roadside. DO NOT use the phone during driving at high speed.
- ◆ DO NOT use your cell phone while in a plane. Please check whether Auto Power On is set or not before boarding.
- ◆ Do not use your cell phone in a hospital to avoid interference with the normal operation of medical equipment which may result in a medical accident. If the cell phone is used near a pacemaker, audiphones and some medical electronic equipment, you should pay special attention that the cell phone may interfere with these devices.
- ◆ Auxiliaries and accessories not provided by us are excluded from the guarantee.
- ◆ Do not dismantle your cell phone by yourself. In case of a failure, please contact the service station specified by us.
DO NOT charge your phone without battery. Please turn off your phone before removing the battery; otherwise, the phone memory may be damaged.
- ◆ The phone should be charged in the environment which is well-ventilated, and should be kept away from inflammable substances and explosives.
- ◆ To avoid demagnetization, please keep your phone away from magnetic substances, such as magnetic disk, credit card, etc.
- ◆ Please be sure the phone isn't exposed to any liquid. In Case this situation occurs, please remove the battery and contact the service station specified by us.
- ◆ Please use your phone in the environment which is neither too hot nor too cold, do not expose your phone in strong sunlight and in high-humidity environment.
- ◆ Do NOT use liquid or wet cloth with strong detergent to clean your phone.
- ◆ Your cell phone has photo and record functions, please use these functions following the related laws and regulations. You may violate the laws and regulations if you take photos and record without authorization.
- ◆ Do not throw, drop or hit the cell phone during use to avoid damage to the housing or the elements inside the phone.
- ◆ Do NOT dispose the worn battery as common domestic rubbish. Please dispose the worn battery according to the specified instructions where the disposal of a worn battery is clearly specified.

Note: The Company won't undertake any responsibility for any consequences caused by failure to observe the above-mentioned suggestions or improper applications.

If any content described in this manual goes against that of your cell phone, it is subject to the real cell phone.












The Company is entitled to modify the manual at any time without further notice.

II. Cell Phone Outline:

The following is the view of the phone:



Key instructions:

Keys	Details
 Left soft key	To select options shown immediately above this key on the screen.
 Right soft key	To select options shown immediately above this key on the screen.
 SIM2 Send key	In dual SIM mode, you can use key to call by SIM2
 LED key	In standby mode, short press control the LED light switch
 Menu Key	Most of the menu, the function with the left soft key.
 Direction key	Can scroll through names, phone numbers, menu and so on. In the standby interface by pressing the arrow keys to enter the corresponding shortcut.
 Dialing key	To answer or make a call. In standby mode to enter call log.
 Hang up key2	To end the current call, to return to standby mode from the other menus. Press and hold to power off.
 Digital key	To input digits, letters and special characters.
 Star key	It has different functions for different uses.
 Hash key	It has different functions for different uses. In Standby mode, Press and hold to Activate the silent mode.

III. Getting Started:

Installation of the SIM card:

You can apply for two different numbers offered by two network operator and get two SIM cards.

With those two SIM cards, you can use various functions of this cell phone. Many parameters required for communications are stored in the SIM cards. Personal data, including the PIN (personal identification number), phonebook, SMS and other extra system services can also be stored in the SIM cards.

Warning: DO NOT twist or scratch the SIM card and expose it to static electricity, dust or water. If you lose your SIM card, please contact your network operator for help.

To install your SIM cards, please turn off your cell phone first, remove the back cover, and insert the SIM cards into the SIM card slots at the back of the phone.

Please install the SIM card as shown below:



Note: The SIM card is a small object; please keep the card out of the reach of children to avoid swallowing the card by accident. Do not touch the metal surface of the SIM card and keep it away from electromagnetism to avoid loss and damage of the data. You will not be able to connect to the network if the SIM card is damaged.

Installation of memory card:

The phone supports T-FLASH card as to expand the memory space. Please install or take out the memory card as per the following picture after shutting down the phone.



Note: The T-FLASH card is a small object; please keep the T-FLASH card out of the reach of children to avoid swallowing the card by accident.

Tip: The phone supports a memory card with capacity up to 2GB. It is recommended that only the attached standard TF card and other TF cards of well-known brand like SanDisk and Kingston are used. Other TF cards may be not compatible with the phone.

Installation of battery:

Please use the original-packaging battery and accessories. Store the battery well if it is not used.

Please install the battery at shut down status:



Note: Please follow the correct procedures as shown in the figure to prevent damage to the battery contact points.

Charge the battery:

The new battery must be fully charged and discharged for several times to reach its best performance. Charge as soon as possible when the power is used up as over-discharge will damage your battery

Disconnect the charger and the power supply and then disconnect the mobile phone when the battery is fully charged.

Connect your phone to the charger as per the figure.



While charging, if the phone is switched on, the power quantity icon at the top right corner of the screen will twinkle and will stop twinkling when the battery is fully charged, if the phone is switched off, an icon will appear at the screen to show the battery is in charging.

Note: A little heating while charging is normal.

Use of battery:

The performance of the battery is affected by multiple factors such as your wireless loading network configuration, signal intensity and temperature when using the phone, the function or settings you selected, the accessories adopted for cell phone and other applied program modes.

To optimize the performance of the battery, please do as follows :

- ◆ New battery or a battery left unused for a long time should be charged for a long time.
- ◆ Keep the temperature at or near room temperature when charging.
- ◆ The battery may require longer time to be fully charged after being used for a long time and this is normal. If the call time becomes too short, you may need to buy a new battery produced by our Company or authorized by our company. Unqualified battery or accessories may damage your phone and even cause danger
- ◆ If the battery is left unused for a long time or the power is too low, it may require longer time for the charging interface to appear, please wait patiently.

Note: 1. For your safety and environment, please do not throw away the battery everywhere.

2. When the capacity of battery is too low, the phone will give an alarm as “Battery low”. Cell phone should be charged in time.

Warning : Explosion, fire or personal injury may be caused by any type of battery short-circuit.

PIN:

PIN1 code: Personal identification code is used to enter SIM card and to prevent others to use the SIM card without your permission. If PIN1 code safeguard function of your cell phone has already been started, the system will display “Enter SIM card 1/2 PIN” to enter when switching on the phone. * will be displayed instead of the PIN1 you entered. You can get PIN1 from your network operator together with the SIM card.

PIN2 : PIN2: The personal identification number used for special functions such as charging function provided by the network.

PUK and PUK2 (8 digits)

A PUK is required to change the PIN. To change the PIN2, you need to use PUK2. If PUK is not provided together with the SIM card, please ask for it from your network operator.

Warning : If the PIN code is entered continuously three times, the SIM card will be locked in. Please consult the network operator immediately to look for deciphering. Unauthorized deciphering may cause permanent failure to the SIM card.

IV Description of Cell Phone:

Dialing key:

Make or answer calls.

Short pressing the dialing key would enable to enter call log under standby status.

Hang-up key & on/off key:

Hang-up or reject a call.

Long press the key to switch off the phone under standby status.

Long press the key to switch on the phone when the phone is switched off.

Direction keys:

Move the bar or cursor.

Enter appointed shortcut under standby status.

OK Key:

Confirm an operation in menus.

Number keys:
























Input numbers or characters.

Long press the number keys 1 to 9 to quick-dial while standby.

Long press the # key to mute and quit mute under standby mode.

Short press the * key repeatedly or long press it to enter “P”, “+” or “W” characters under dialing interface.

Icons on screen in standby status:

-  SIM card 1 Antenna
-  SIM card 2 Antenna
-  Alarm clock activated
-  SIM card 1 SMS
-  SIM card 2 SMS
-  SIM card 1 MMS
-  SIM card 2 MMS
-  Battery
-  Ringing
-  Vibrate then ring
-  Ring then vibrate
-  Vibration
-  Missed calls in SIM card 1
-  Missed calls in SIM card 2
-  Keypad locked
-  SIM card 1GPRS
-  SIM card 2GPRS
-  Bluetooth
-  Call divert activated in SIM card 1
-  Call divert activated in SIM card 2
-  The handset is plugged.
-  The first chat room is opened.
-  The second chat room is opened.

Languages & Input Methods:

English and Hindi input method is provided in your phone. For details, please refer to chapters related to English editing, where you can learn different input methods and how to switch between them.

Incoming Call alert method:

The built-in vibrating motor and buzzer in your phone provides the following alerting modes:

- Ring Only
- Vibrating Only
- Vibrate and ring
- Vibrate then Ring

Description for making calls:

- ◆ **Making a national call:**

The simplest way to make a domestic call is to input a phone number by numeric keys and press the dialing key. If called by SIM card 1, the screen will display “SIM Card 1 Dialing”, and if called by SIM card 2, the screen will display “SIM Card 2 Dialing”.

Call status will be displayed on the screen when the call is answered.

Press the hang-up key to end the call.

Make domestic calls: zone number + phone number + dialing key.

◆ **Making an international call:**

To make an international call, long press or repeatedly short press the * key until the symbol “+” is displayed on the screen. This allows you to make an international call without knowing the prefix number of that country (e.g. India is +91).

Then input the country code and the complete phone number. The country code is subject to convention, e.g. Germany is 49, Britain is 44 and Sweden is 46, etc.

Make international calls: + country code + complete phone number + dialing key

◆ **Call extension of a fixed phone:**

Extensions of some fixed phones are not accessible directly, in such case, you need to dial the host number and then the extension number. Simply insert the letter “P” between the host number and the extension number and you can call the extension. You can input a “P” by long pressing or repeatedly short pressing the * key.

Call extension of a fixed phone: phone number + P + extension number + dialing key.

◆ **Make emergency calls:**

In any country where digital GSM is used, you can make an emergency call if your phone is covered by the network (you can know about this by checking the signal strength indicator bar at the upper corner of the display of the cell phone). If your network operator does not provide roaming service in that area, the screen will display "EMERGENCY CALLS ONLY", telling you that you can make this kind of call only. If you are in the coverage of the network, you can make emergency calls even if your SIM card is not inserted in the mobile.

* In some areas, the 112 (emergency call) service is provided by the network operator. If there is anything abnormal, contact your network operator.

◆ **IMEI:**

International Mobile Equipment Identity. You can see the bar code label printed with this number at the back of the cell phone after you have turned off the cell phone and removed the battery. This number is also stored in the cell phone, and can be displayed when you enter "*#06#" on the screen dial interface.

V Basic operation of cell phone:

Switch on:

Press and hold on “ON/OFF” to start up the cell phone. If no password settings are given for the SIM card and cell phone, the phone will search for a network automatically, and when the cell phone registers a network, the name of the network supplier will be shown on the screen. You can now answer or make a call.

If the display indicates “Insert SIM card 1” or “Insert SIM card 2” after the start-up, please

power off your phone, and check whether your opposite SIM cards have been installed correctly or have been installed or not.

After plugging into a SIM card, the phone will automatically check SIM card for availability, then the display screen will indicate the following prompts in sequence :

- 1) “Enter phone lock password” —— if you have started up the phone lock (default password: 1122.)
- 2) “Enter SIM card 1/2 PIN” —— if you have started up the SIM card 1/2 lock.
- 3) “No service” —— it represents the register network failure, and you cannot make a call at such time.
- 4) “Emergency Call” —— it allows to call 112.
- 5) “Search” —— the phone is searching a network, until it finds out a suitable service network.

The screen displays the network operator name – it represents the network register success.

If only SIM 1 card is installed and the current mode is “SIM card 1 only”, the screen will display the name of SIM card 1 provider only and that “SIM card 2 is off”; if only SIM card 2 is installed, the screen displays in reverse. If only SIM card1 is installed and the current mode is “two cards on”, the screen will display the name of SIM card 1 provider only and that “Please insert SIM card 2”; if only SIM card 2 is installed, the screen displays in reverse.

Switch off:

If you want to shut down the cell phone, long press ON/OFF key, and after the screen displays the power off animation, the cell phone will shut down. Please do not shut down the phone directly by dismantling the battery, if done so, it is likely that you may damage the SIM card and may lose some information.

Making a call:

- ◆ Enter the phone number in standby status, and press the calling key to call. If you want to hang up or cancel the call, press the hook up/cancel key. When the phone is connected, you can see the holding time on the screen.
- ◆ Use the phonebook to make a call: Search the name/phone number saved in the phonebook, and press the calling key to call.
- ◆ Redial the latest phone number: Press the calling key in standby status to search the latest list of phone numbers or names. Roll over to the number or name of SIM 1/2, then press the calling key.

Adjusting the receiver volume:

During a call, you can press the up or down direction key to adjust the receiver volume.

Answering a call:

When there is an incoming call, it will indicate in a mode of ring, vibration, vibrate and ring or ring after vibration according to the setup of cell phone.

To answer a call, press the calling key.

To reject a call, press on/off key.

If you have applied for calling number identification service, the calling number will show on the screen. If this number is already stored in the phonebook, the corresponding name of this number will be shown on the screen.

If the call is to SIM card 1, “Call to SIM Card 1” will be displayed in front of the number or name.

If the call is to SIM card 2, “Call to SIM Card 2” will be displayed in front of the number or name.

Speed dial:

The phone provides 8 speed buttons, and you can define the phone numbers corresponding to these buttons. So, as long as you long press [2 to 9] keys in standby status, you can call speedily; [1] key is specially used for the speed dial of voice mailbox number.

<Note>: To speed dial, you have to press and hold on/press a key for 2 seconds and above, and if you haven't designated the speed dial function for that key, then you cannot be successful for the call.

Sending DTMF signal:

When you have set up the DTMF signal sending function, if you press the digit key and * and # key of the keypad during the period of conversation, it will be sent out in the form of DTMF signal to the other party. If you do not start this function, you cannot carry out the extension number calling or other similar functions probably.

Remark: The default of the function is switched on.

Call Hold:

If you have applied for the value adding of call waiting, the following function menu may appear when you click an entry during conversation:

- ◆ Hold: Temporarily suspend the current conversation, but the conversation channel is still under connection.
- ◆ End: End the current connection.
- ◆ New conversation: Enter the dial interface, and make another call.
- ◆ Phonebook: You can enter a phonebook directory.
- ◆ Information: You can enter messages directory.
- ◆ Mute/resume: You can switch on/off microphone.

Dual-tone multi-frequency, DTMF: Can setup whether to send out a DTMF signal.

Note: Some menu entries just appear under the specific condition, or they need support from the local network, such as: “Hold” and “New conversation”, etc., for detail, please consult the network operator.

Non-response event:

When the cell phone has new unread messages, missed calls, or other events, the cell phone will have the corresponding picture or icon prompt, please search these messages in time.

Connecting to voice mailbox:

Your cell phone allows you to divert the incoming call to the voice mailbox, then, you will receive a notice concerning the voice messages (the center number of voice mailbox should be set up properly in advance.)

VI Operation of menu functions:

1 Messages:

1.1 SMS:

The SMS function is a network service. You may need to apply to the network operator first before you can send and receive a short message.

Your cell phone supports the short message sending function. Short messages are sent to network SMS center first and then sent to subscribers. If the subscriber does not turn on the phone or cannot receive messages (storage is full), the network will keep this message temporarily. The keeping period will be determined jointly by the message sending user's setting and the service operator.

By using the SMS, the phone can send and receive long messages. Sending long messages may affect the charge for the messages. For details, please contact your service operator.

If the memory for messages is full, a twinkling icon will remind you on the screen. Your mobile phone supports dual SIM card so messages in SIM card 1 and 2 are separately stored. The reminders for full memory of SIM card 1 and 2 will also be given separately. In such case, you need to delete at least one message in the memory of the respective SIM card to receive new message.

Note: When you send a short message through SMS network, "Message sent" will be displayed on the screen. That is to say, the phone has sent the message to the message center mailbox set by your phone. But that isn't to say, the specified user has received the message. For more detailed information about SMS, please contact your network operator.

1.1.1 Inbox:

The received messages are saved in Inbox. You can view all received messages in Inbox. The messages of SIM card 1/2 are separately saved. You can perform the following operations:

- ◆ **Reply:** To reply to a received short message.
- ◆ **Delete:** To delete the current message.
- ◆ **Use Detail :** Collect some contents of the current short message, such as the number of user and using website.
- ◆ **Forward:** To forward the current message to the other subscriber.
- ◆ **Copy:** To copy the current short message or all short messages. When the message is

stored in SIM cord, it can be copy to the phone storage. When the message is stored in phone storage, it can be copy to the SIM cord.

- ◊ You can transmit all messages between SIM cord and phone storage.
- ◊ **Many Delete:** Delete some or all messages.
- ◊ **Chat:** You can chat with others by short message in the room 1/2.
- ◊ **Use URL:** Extract the website in the message and visit it.
- ◊ **Use number:** Extract the number of the message.

1.1.2 Outbox:

If the “Save and send” is selected when a message is sent, the sent message will be saved in the Outbox. You can also save a message you edit in the Outbox. If the message is failed to be sent, the message will be saved in the Outbox. Corresponding operation can be performed to a message saved in the Outbox.

1.1.3 Write message:

You can create a message in this menu.

The phone supports sending a long message having over 160 characters (character number restriction for common text messages). If a message has more than 160 characters, the message will be divided into two or more messages and sent.

The following menu option functions by using left key are provided when you are writing a short message:

- ◊ **SIM1/2Done:**
After finished edit, user can choose “send only”, “save”, “save and send”, “send to many” and “send By Group”.
- ◊ **Select SIM card 1/2 :** Enter sending method option and send the message.
- ◊ **Use Templates:**
insert the predefined text in the phone to the message.
- ◊ **Insert object:**
EMS can be supported in this phone. User can insert picture, my picture, predefined animation, melody, my melody and predefined sound.
- ◊ **Format text:** Set the font, align and paragraph of the texts.
- ◊ **Insert Number**
Enter phonebook to select the number.
- ◊ **Insert Name**
Enter phonebook to select the name.
- ◊ **Insert Bookmark** Enter the bookmark in Wap
- ◊ **Input Method:** Change the input method

Note: Picture message function can be used only when your network operator or service supplier supports the function. Picture messages can be received and displayed only by the phone featuring picture message function. However, the normal display of some picture messages is supported by the phone. For details, please contact the network operator.

1.1.4 Templates:

Select frequently used phrases from the template and insert into message editing interface.

1.1.5 SMS settings:

You can set some parameters of messages in this menu. Parts of setting menu of SIM card 1/2 are separated

Message setting of SIM card 1/2

【Profile settings】 : To set the name of a profile, SMS center number, message validity period, and message type. To send a message, the SMS center number shall be provided.

Note: The number of the SMS center is provided by the network operator. For details, please contact the network operator.

【Common settings】 : Enable or disable delivery report and reply directory.

- ◇ Delivery report: The network reports whether the opposite side has received the message and the time received.
- ◇ Reply path: To transfer the reply path to the network terminal. This function requires the support of message center.

【Memory Status】 : Check memory space use of SIM card or mobile phone.

【Preferred Storage】 : Appoint the directory to save the message. (SIM cards or mobile phone)

1.2 MMS:

A multimedia message can contain character, audio file and picture. If the size of a multimedia message is over the limit, the phone cannot receive this multimedia message. The display effect of multimedia messages may vary with different receiving equipment.

Note: You can use this function only when the service is supported by your network operator or service provider. Only the device featuring multimedia or Email can receive and display a multimedia message. For details, please contact the network operator.

1.2.1 Write message:

【To】 : Enter the phone number or Email address of the receiver.

【Cc】 : Enter the phone number or Email address of the receiver for carbon copy.

【Bcc】 : Enter the phone number or Email address of the receiver for blind carbon copy.

【Subject】 : Edit the subject of a multimedia message.

【Edit content】 : Edit the content of the text of the multimedia message.

This includes the following options:

- ◇ **Done:** To close the edition of a multimedia message.
- ◇ **Input method:** To select the input method for edition of a multimedia message.
- ◇ **Add picture:** To insert an image to the multimedia message.
- ◇ **Add audio:** To insert an audio file to the multimedia message.
- ◇ **Add attachment:** To insert an attachment to the multimedia message.
- ◇ **Add slide before:** To insert a new slide ahead of the current slide.
- ◇ **Add slide after:** To insert a new slide behind the current slide.
- ◇ **Add bookmark text:** To insert a bookmark URL.
- ◇ **Preview:** To preview the currently edited multimedia message.
- ◇ **Slide time:** To set the play time of the current multimedia message slide.

1.2.2 Inbox:

You can view the received multimedia message in the inbox and perform the following operations:

- ◇ **View:** To view a multimedia message, and save the attachment of picture or others in the multimedia message.
- ◇ **Reply:** To reply a multimedia message to the sender directly.
- ◇ **Reply by SMS:** To reply through SMS.
- ◇ **All:** To reply all through MMS.
- ◇ **Forward:** To forward the multimedia message to others.
- ◇ **Delete:** To delete current multimedia message
- ◇ **Delete all:** To delete all multimedia messages in the inbox.
- ◇ **Detail:** To view the detailed information of the current multimedia message.
- ◇ **Use item:** To edit the number of the received MMS.

1.2.3 Outbox:

You can view a multimedia message failed to be sent. Operation of viewing, forwarding, deleting, editing, deleting all, viewing message details and using item can be implemented.

1.2.4 Drafts:

You can save an edited multimedia message in the Drafts, Operation of drafts such as viewing, forwarding, deleting, editing, deleting all, viewing message details and using item can be implemented.

1.2.5 Templates:

Up to 3 preset multimedia messages have been set in the phone. You can access to perform View, Details, and Create+ through Template.

1.2.6 MMS settings:

You can set parameters for MMS or view the memory status in this menu. For detailed information on MMS parameters, please contact your network operator.

1.3 Chat:

You can chat in two chat rooms with one's specified phone number. The conversation between you with him or her will become more convenient. The messages being sent and received will be seen on the chat page. Every chat message will be sent separately as a text message.

1.4 Voicemail server:

Voice mail server is a network service. You may apply for this service beforehand. For detailed information and voice mail server number, please contact your network operator.

Voice Mail Server of SIM card 1/2

- ◇ Call voicemail: To dial the voice mail server number stored in your voice mail server number list.
- ◇ Edit: To edit or delete your voice mail server number. Press OK to store your number.

Tip: Under the standby condition, you can call the voice mailbox number by long pressing the numeric key "1" after you have set the voice mailbox number.

1.5 Broadcast message:

Cell broadcast is a service provided by the network operator to send messages such as weather forecast, traffic status, etc. to all GSM subscribers in a specific area.

Broadcast message of SIM card 1 :

Note : The realization of the cell broadcast function needs the support of the network. For details, please contact the network operator.

【Receive mode】 : Enable/disable the Broadcast Message.

【Read message】 :When the Broadcast Message has been enabled, the received message can be read after the corresponding server has been enabled.

【Languages】 : To enable/disable all the languages of messages received.

【Channel settings】 : To select, add, edit or delete channel numbers.

Note: The operation and settings of SIM card 2 cell broadcast is the same as that of SIM card 1.

2. Phone Book:

Each contact saved in your phone contains the following useful information: three phone numbers (mobile phone number, home number and office number), company name, email, fax number, birthday, photo, ring tone and group; each contact saved in the SIM card only contains name and phone number.

You can save the contacts in the mobile phone and SIM card; it depends on the SIM card memory capacity.

2.1 Quick Search:

After entering the searching interface, inputting the first letter of one's name, you can locate the contact name and number in an alphabetical order of the particular alphabet entered.

2.2 Search Contact:

You can find the best matched record by entering the name to be searched and then press "Search" in the Phone book.

2.3 Add New Contact:

You can add a new entry to the phone or SIM card.

Description: If picture link, ring link, and incoming call group are set in a record simultaneously; the incoming call group function will be invalid.

2.4 Copy all:

You can copy all selected phone entries in SIM cards 1/2, phone and memory card to each other.

2.5 Delete:

You can delete all entries of the SIM cards 1/2 and phone together or delete entries one by one.

2.6 Caller groups:

You can select caller group, view and edit the group details. Group details contain group name, ringtone, picture, and member list.

2.7 Extra numbers:

【Owner number】 : To view and edit the caller number of SIM card1/2.

【SIM1 service dialing Number】 : service dialing number.

【SOS number】 : Edit the emergency number of SIM card 1/2. (Emergency number requires support of your SIM card, Please consult your network operator for more information)

2.8 Settings:

【Memory status】 : Memory status: To view the service condition of the phone book storage.

【Preferred storage】 : Select the storage directory of the current number.

(E.g.: SIM Card 1 or 2, Phone, Memory Card)

【Fields】 : Set the content of the vCard in phonebook.

【My VCard】 : Edit or send your name card.

【VCard version】 : The establishment name card edition is 2.1 editions or 3.0 editions.

Note: Sending VCard can only be supported when the received phone also has this function. Otherwise the VCard cannot be displayed normally on the received phone.

3 Call History:

3.1 Call History:

SIM 1/2 call history:

3.1.1 [SIM 1/2 missed calls] : To view the missed calls (requiring network service support)

3.1.2 [SIM 1/2 dialed calls] : To view the most recently dialed numbers.

3.1.3 [SIM 1/2 received calls] : To view the most recently received phone calls (if available from the network)

3.1.4 [Delete SIM 1/2 call logs] : To delete recent call logs.

3.1.5 [SIM 1/2 call timers] :

- ◇ **Last call:** Shows the duration of the last call.
- ◇ **Dialled calls:** Shows the duration of all dialed calls.
- ◇ **Received calls:** Shows the duration of all received calls.
- ◇ **Reset all:** Clear all duration records.

Note: The actual call and service time in the service operator's bill may vary. It depends on such factors as network function, accounting rounding-off and tax. For details, please contact your network operator.

3.1.6 [SIM 1/2 call cost] : Requires the support of the network operator.

- ◇ **Last call cost:** View the cost of the last call.
- ◇ **Total cost:** To view the total cost of all calls.
- ◇ **Reset cost:** To reset cost record of all calls. (Please enter PIN2 for this function)
- ◇ **Max cost:** To limit the cost within specified amount of pricing unit or currency unit. PIN2 is required for setting the call cost.
- ◇ **Price per unit:** This function is supported by your network. For details, please contact your network operator.

3.1.7 [SIM1/2 SMS counter] : Shows number of sent and received messages.

3.1.8 [SIM 1/2 GPRS counter] :

- ◇ **Last sent:** Shows flow of last sent data.
- ◇ **Last received:** Shows flow of last received data.
- ◇ **All sent:** Shows flow of all sent data.
- ◇ **All received:** Shows flow of all received data.
- ◇ **Reset counter:** To reset the GPRS counter.

4 Settings:

4.1 Dual SIM settings:

- ◇ **Dual SIM open:** Enable SIM card 1 and 2 standby.

- ◊ **SIM card 1 open:** Enable SIM card 1 in standby status.
- ◊ **SIM card 2 open:** Enable SIM card 2 in standby status.
- ◊ **Flight Mode:** In Flight Mode, the network and radio transceivers are turned Off to prevent disturbance to sensitive equipment. When the flight menu is activated, you are asked to select a mode the next time you turn on your phone.

Normal: full functionality.

Flight Mode: limited functionality.

4.2 Phone Setup:

4.2.1 Time and date: With this menu, you can set city, time/date, and time/date format.

- ◊ **Set home city:** To set the home city.

Note: This option needs application together with the auto time renewal, and needs the network support for the operation of auto time and date renewal.

- ◊ **Set time/date:** To set the current time and date.

- ◊ **Set format:** To set the time and date display format.

Time format: Select 12 hour mode or 24 hour mode.

Date format: Set date display format (E.g. dd/mm/yyyy)

Date list separator: Select the display of date list separator.

4.2.2 Schedule power on/off: To set the designated phone On/Off time.

Caution: In particular area (such as airplane compartment) forbidding the use of a cell phone, confirm that the Schedule Power On/Off function is disabled to avoid an accident.

4.2.3 Language: To select language for the phone. This phone supports English and Hindi language.

4.2.4 Input Setting: To select input method according to one's preference.

4.2.5 Display characteristics:

- ◊ **Wallpaper:** Set the background picture in standby screen interface.

- ◊ **Screen saver:** Enable or disable the screen saver function.

- ◊ **Show date and time:** To set the phone to show the date and time in standby mode

- ◊ **Show owner number:** Can be "on or off" in standby mode it shows the Owner name if kept "on"

- ◊ **Show Operator Number:** Displays the operator number.

Caution: The local number required in the "Telephone Directory / settings / other number / number of this machine" menu settings, and necessary support to the use of SIM cards.

4.2.6 Greeting text:

Status: Enable or disable the greeting text; you will see the greeting text if the status is enabled, when the phone is switched on.

Greeting text: Edit the greetings

4.2.7 Dedicated key:

You can appoint the shortcuts of navigation keys. Press a key to use the corresponding function under standby mode.

4.2.8 Auto update of date and time: To enable/disable auto time renewal (needs the support of network)

4.2.9 Misc. settings:

Brightness and time of screen display can be set by LCD backlight.

Torch: Flashlight can be turned on or off.

4.2.10 Shortcuts:

You can select application quickly using this function. If you assign the shortcut to the presses of the key, you can run the application as the usual menu action when pressing the key in standby mode.

4.3 User Profiles:

Your phone provides different profiles for you to customize ring tone and other settings under different environments. You can customize a profile according to your needs and enable the profile. The available profiles include General, Meeting, Outdoor, Indoor, Headset, Bluetooth and Power saver.

In each profile, you can set one of the following options:

- ◆ Tone settings: To set the tone for incoming calls of SIM card 1/2 (except in Bluetooth mode), messages of SIM 1/2 and key pad.
- ◆ Volume: To set the volume of ring tone and key tone.
- ◆ Alert type: Includes-- Ring, Vibrate, Vibrate and Ring, and Vibrate then Ring.
- ◆ Ring type: To set the ring type-- Single, Repeat and Ascending.
- ◆ Connect notice: vibrate on call connect. (Alert)
- ◆ Extra tone: Includes four types-- Warning, Error, Camp-on, and Connect.
- ◆ Answer mode: Provides any key answer mode.

After personalizing, choose "Activate" to confirm the settings, and the corresponding profile will be activated.

Note : The phone automatically switches to the Bluetooth mode when the Bluetooth equipment is plugged, and it restores to the previous mode when the Bluetooth is unplugged. Long press the "#" key when the phone is in the standby state to switch the phone to the Mute mode. Long press it again will restore to the previous mod

4.4 Call settings:

4.4.1 SIM card 1/2 call settings :

【Caller ID】 : Includes-- default, hide number and show number.

- ◆ **Set by network** : The number of the phone will be sent as per the default mode when a call is initiated.
- ◆ **Hide ID** : The number of the phone will not be sent when a call is initiated. If the system doesn't support this function, it may not make a call.
- ◆ **Send ID:** The number of the phone will be sent when a call is initiated.

Note : This function requires the network support. For details, please contact the network

operator.

【Call waiting】 : To set functions like activate/deactivate and enquire call waiting. During call holding and making multi-party calls, this function should be activated first, and network support is required for the specific implementation of the function.

【Call divert】 : It is a network function that can only be activated when you apply for this service with the network operator. The function can divert calls that satisfy the conditions to the other caller's phone number you have designated.

Name	Description
Divert All voice calls	Network will divert unconditionally all your incoming calls.
Divert If Unreachable	To divert an incoming call when your phone cannot be reached (the phone is either switched off or out of network coverage)
Divert If no answer	To divert an incoming call after a certain time period during which the call is not answered.
Divert If busy	To divert an incoming call when you have an active call or other operation is busy.
Divert All data calls	Network will divert all incoming calls (requires support of network).
Cancel all Divert	Cancel all the divert functions.

【Call Barring】 :

1 Outgoing calls:

- ◆ All calls: To restrict all outgoing calls
- ◆ International calls: To restrict international outgoing calls.
- ◆ International Calls Except to Home PLMN: While you are abroad, you can only call the numbers of the country (where you are) and your home country (at which your service supplier is located)

2 Incoming calls:

- ◆ All calls: To restrict all incoming calls.
- ◆ When roaming: To restrict all incoming calls except the numbers from your local service area.

3 Cancel all: For canceling call barring. (Password for barring is required.)

4 Change barring password: Apply to the network for changing the password for call barring.

【Line switching】 : Select Line 1 or Line 2.

4.4.2 Blacklist: You can disable firewall, enable blacklist and enable white list.

4.4.3 Auto redial:

You can enable or disable auto redial function. If a number is not reachable, the phone will automatically redial.

You can enable or disable quick function and edit the corresponding quick dial number list. If the quick dial is enabled, you can quick dial the numbers in the quick dial number list by long pressing the corresponding numeric key.

4.4.4 Speed dial:

To switch on the speed dial function, and edit the corresponding speed dial number. If the speed dial is "On", then you can long press the corresponding key (2-9) to dial the number designated to the key through the standby mode.

4.4.5 Background sound (Call Cheater): You can set background sound during a call. (Only supports .wav format).

4.4.6 SMS on Call Reject: If a call is rejected this function enables the user to send SMS to the rejected call

4.4.7 More:

- ◆ **Call time display:** Enable or disable the call time display.
- ◆ **Call time reminder:** Enable or disable the call time reminder.
- ◆ **Auto quick end:** Enable or disable the auto quick end.

4.5 Bluetooth:

【Power】 : Activate/deactivate Bluetooth.

【Inquiry Audio Device】 : Search for Bluetooth devices.

【My device】 : Display device model when connected.

【Active devices】 : Display the model of online device.

【Settings】 : Setting the parameters when bluetooth is connecting.

- ◆ **Visibility:** Enable/disable.
- ◆ **Device name:** Change the displayed name of this phone device.
- ◆ **Authentication:** Enable/disable.
- ◆ **Audio path:** Set voice to the phone or to hands free device.
- ◆ **Storage:** Set the path of transmission.

【About】 : Introduction of Bluetooth device.

4.6 Network setup:

4.6.1 SIM card 1/2 network setup:

Name	Description
------	-------------

Network selection	Search: To search the network again.
	Select network: To select a network. The phone only loads the appointing network. When the network can't work, the phone won't register other network.
	Search mode: Auto/Manual.
Preferred network	To select the preferred network.

4.7 Security setup:

4.7.1 SIM card 1/2 security settings:

4.7.1.1 SIM card 1 lock: To unlock or lock SIM (PIN required)

4.7.1.2 Fixed dial: This function may need the support of SIM card and network operator.

When this function is activated, you can only dial the fixed numbers in the fixed dial list.

To activate the fixed dial, enter the PIN2.

4.7.1.3 Change password: Change the PIN1/PIN2 password of SIM card 1. PIN1 and PIN2 code can be taken from your network operator.

4.7.2 Phone lock: This function allows you to lock/unlock your phone. You can enable/disable your phone by entering password. When the phone is locked, it will require you to enter the password when switching on. Note: the default password is "1122"

4.7.3 Auto Keypad lock: To lock or unlock the keypad. The time for locking keypad can be set.

4.7.4 Change Password: The default password "1122" of phone, message, phonebook, calling records and privacy protection can be changed as the desired password of 4 to 8 digits.

4.7.6 Anti-theft setup: You have to set this function, in case your phone is stolen/lost Default password is "0000" to set this function.

4.8 Restore Factory Settings:

You can restore some settings of the phone to factory settings. To restore the factory settings, enter the password. The default password is "1122".

4.9 Sound Effect: Different variety of sounds in audio.

5. Multimedia:

5.1 Camera:

With this function, you can use the built-in camera of the phone to take a photo, or adjust the camera settings. The lens of the camera is located at the back of the phone; it utilizes the phone screen as the viewfinder. Photos generated by the camera are in JPG format. If they have been downloaded to your PC, view them with the right software.

When the phone has insufficient memory space for new photos, you should delete some old photos or other files in the "File Manager" function list to release memory space for new pictures. Press option, you will see the following menus:

- ◆ **Photo/Image Viewer** : To view a saved photo.

- ◆ **Camera settings:** To set the corresponding parameters of the camera.
- ◆ **Image settings:** To set the corresponding parameters of the photo to be shot.
- ◆ **White balance:** Adjust the white balance. (E.g. Daylight, Auto etc.)
- ◆ **Scene mode:** Setting the scenario mode of the camera. (E.g. Auto, Night)
- ◆ **Effect settings:** Setting the special effect for photo shooting.
- ◆ **Storage:** To set the storage directory for photos.
- ◆ **Restore default:** To restore the settings of camera to factory settings

5.2 Image viewer:

The shot photos are stored in the image viewer.

Descriptions of image viewer options:

- ◆ **View:** To view a photo.
- ◆ **Browse style:** To select the mode for browsing photos.
- ◆ **Use:** To use the image as wallpaper or screen saver.
- ◆ **Send:** To transfer a photo to the desired application.
- ◆ **Rename:** To rename the selected image or photo.
- ◆ **Delete:** To delete the selected photo.
- ◆ **Delete all files:** To delete all photos.
- ◆ **Sort by:** To sort photos by the desired method.
- ◆ **Storage:** To set the storage directory for photos.

5.3 Video recorder:

The phone supports video recording function. You can record 300K contents every time. It will be stored in my video folder. You can play the video recorded by video player.

- ◆ **【Camcorder settings】** : Setting the related parameters of the recorder.
- ◆ **【Storage】** : It will allow you to choose the saving route of the file to be recorded (cell phone or memory card).
- ◆ **【Restore default】** : Resume the consumer settings for recording the original plant default.

5.4 Video player:

Support .avi ,3GP format's video. The following operation can be performed to the selected video file:

- ◆ **Play:** To play a video file.
- ◆ **Send:** To transfer a video file to the desired application.
- ◆ **Rename:** To rename a video file.
- ◆ **Delete:** To delete the selected video file.

- ◊ **Delete all files:** To delete all video files.
- ◊ **Sort by:** To sort video files by desired method.
- ◊ **Storage:** To select the storage directory (cell phone or memory card) for a video file.
- Note:** The “*” key enables display of full screen and “#” key enables video player to mute and unmute

5.5 Audio Player:

The selected MP3 need to be copied to “My Music” root directory, otherwise it cannot be played. (It will only support the format of MP3)

Descriptions of Audio Player options:

- ◊ **Play:** To play the selected MP3.
- ◊ **Details:** To view the detailed information of the selected MP3.
- ◊ **Add to ringtones:** To add the selected song to the tone library for selection.
- ◊ **Refresh list:** To update the play list of songs.
- ◊ **Settings:** To set parameters for playing MP3.

5.6 Sound recorder:

To make an audio record, select the “Audio Recorder”. Select the "Options" for the selected record file to perform the following operation. :

- ◊ **New record:** To start sound recorder
- ◊ **List:** To list all record files.
- ◊ **Play:** To play a selected record file.
- ◊ **Append:** Append a record to the designated files in the upper directory. (You can only append a record file in .AMR format)
- ◊ **Rename:** To rename the selected record file.
- ◊ **Delete:** To delete the selected record file.
- ◊ **Delete all files:** To delete all record files.
- ◊ **Use as:** To add it to user profiles.
- ◊ **Send:** Send the recorded file by MMS and Bluetooth.
- ◊ **Settings:** You can set storage, file format and audio quality.

5.7 FM Radio:

- ◊ **Channel list:** List out all the current channels. You can enter channel list, edit it and display the searched channel list. Display the recorded broadcasting list.
- ◊ **Manual input:** Input the desired broadcasting channel manually
- ◊ **Preset Auto search:** Automatically search FM and setup.
- ◊ **Setting:** Set backlight play and cell phone speaker recording format storage device
- ◊ **Record:** To begin FM recording

- ◆ **Append:** Add record to the selected file which should be .AMR file.
- ◆ **File list:** Access this menu; it will appear in the list to save the recorded file.

5.8 Schedule FM Radio: To set the time for FM radio, you can also record the FM as per set time.

6. Organizer:

6.1 Calendar:

With this function, you can view the calendar and schedule, and you can schedule with the scheduler to set the schedule and alert. Move the cursor to the desired date with direction keys. If a memo has been set in the schedule of some date, the date is highlighted. To view all memos of a day, move the cursor to the date. In this case, the following operation can be performed.

6.1.1 View Tasks: To view and set the schedule of a day.

6.1.2 Add Tasks: To edit new item for a schedule.

6.1.3 Jump to Date: To input the date to enter the calendar, then move the cursor to the specified date.

6.1.4 Go to weekly View: To view the set schedules by week or month.

6.2 To-Do List:

For creating a new memo or viewing the memos set in the schedule. You can also perform View, Add, Edit, Delete, and Delete All and jump to date etc. If the alarm reminder is set up for the memo, the cell phone will remind you with a ring once the time is up, and it will display the contents of the memo settings.

6.3 Alarm:

The time format of the alarm clock is the time with the format in the clock. The alarm clock can work even if the phone is switched off as long as there is enough power in the battery. Alarm time, snooze time-out and alarm tone can be set independently for every alarm. The phone will alarm (ring) when the time reaches the set time and current time and date will be display on the screen. Press Stop to stop the alarm; press Sleep, the alarm will pause and alarm again at the snooze time-out.

6.4 World clock:

Search the current time corresponding to the time zone of countries in the world.

6.5 E-Book reader:

E-book application can help you to read a file in .txt format.

- ◆ **Open E-book:** To open an E-book.
- ◆ **Global settings:** To set the attributes of an E-book.
- ◆ **Book info:** To view the attributes of a text.
- ◆ **Delete:** To delete a text.

- ◆ **Delete all files:** To delete all texts.
- ◆ **Sort by:** To sort E-books in a folder.
- ◆ **Apply global settings:** To apply the settings.
- ◆ **Help:** To open E-book help description.

6.6 Calculator:

- ◆ Eight operators, i.e. “+”, “-”, “×”, “÷”, “m+”, “m-”, “mc”, and “mr”, are provided.
- ◆ Choose the Clear or press the right soft key to clear items entered. Long press the Clear or long press the right soft key to clear all content. Press the “Ok” to show the result of calculation.

Note: The accuracy of this calculator is limited, and the calculator can only be used for simple calculations.

6.7 Currency Converter:

A useful tool which allows a certain amount of currency to be converted into a different currency, using up to date currency values.

6.8 Stopwatch:

It provides timing function, including typical stopwatch and n-Way stopwatch.

Typical Stopwatch: You can split timing, lap timing and view record.

- ◆ **Split Timing:** When you select split timing, you can press “start” to start timing. Each time when you make split timing, you can press “Split”. Split timing will be showed on the screen, locating upper position of run time. You can slide view each time. Press “stop” to stop timing; and then press “Resume” to continue timing; when you press “back”, the “save” dialog will appear on the screen and press “Yes”
- ◆ To save time.
- ◆ **Lap Timing:** When you select lap timing, press “start” to start timing and press “Lap” to make lap timing. Press “stop” to stop timing. For the details, please see the above “split timing”.
- ◆ **View Record:** Mobile phone will show name list of time group and last time list, and you can select to view required time group, and can delete saved record.

N-Way Stopwatch: On the same interface, press “up, down, left, right” key to select any stopwatch to make timing.

Note: When you stop stopwatch, you can long press the left soft key to clear n-Way stopwatch.

7 File manager:

This menu enables you to access the File Manager, where folders or files in the memory card or the phone can be managed

- ◆ **Open:** To open the selected file stored.

- ◇ **New Folder:** To create a folder.
- ◇ **Format:** To format the memory.
- ◇ **Rename:** To rename the memory.
- ◇ **Details:** To view the details of memory.

Caution: You will lose all the data stored in the memory after format

8 Services:

Phone supports STK function (But it requires support from SIM card service provider)

8.1 WAP

This function allows you to acquire or visit diversified services on the Internet through message or network. Please contact your network operator for more information.

【Homepage】 : Start a connection to the selected URL set.

【Recent pages】 : Browse a saved URL.

【Bookmark】 : Access or edit a bookmark.

【Input address】 : Enter the address.

【Service inbox】 : Enable a trusted server to send messages to the phone, which is saved in the Service Inbox.

【Settings】 : Set parameters of WAP browser. Please consult your network operator for details of the parameters.

- ◇ **Select SIM** : This option includes “always inquire, SIM card 1 and SIM card 2”.
- ◇ **Profiles:** To edit and enable the profile function.
- ◇ **Browser options:** To set the wait time and whether to show images.
- ◇ **Service message settings:** To set the service message, white list and SL.
- ◇ **Clear cache:** To clear the cache. It may reduce speed of internet connection when there are too much data stored in the cache.
- ◇ **Clear cookies:** To clear the cookies.
- ◇ **Trusted certificates:** To view the trusted certificates provided by the system.

8.2 Data account:

Support GSM and GPRS data account.

9 Fun & Games:

9.1 Games:

Provide you some games. Please refer to help option of the game for specific operation and instructions.

Game settings:

- ◇ **BGM:** To activate/deactivate the game background music.

- ◆ **Sound effect:** To enable/disable the sound effect.
- ◆ **Vibration:** To enable/disable the vibration effect.
- ◆ **Volume:** To turn on/off the game sound.

VII. Operating instructions of English editor:

Your phone provides you with different input methods for the convenience of using other function. You can enter texts by keypad anywhere requiring entering texts. Enter function setting > Phone setting > Default input method to choose a default input method.

Input interface key function:

Press corresponding key under input interface, for example of writing message.
 Numeric 1 to 9 is used to edit text contents.

Direction keys: Control the movement of cursor.

Key: Switch the input method.

* Key: Enter the selecting of symbol.

Hang-up key: Retreat from the edit interface.

Smart English input:

Press the numeric keys 2 to 9, the letters contained in the number and the corresponding number will appear on the screen.

Enter a word:

Under smart English input method, continuously press 2 to 9 keys for twice or more, the corresponding word will appear on the screen.

For example, if you want to enter “book”, press the numeric keys “2665”, and then select the word “book”. You can press the 0 key to enter a space when you need to.

Capitalized, small English letters and numbers:

To select “ABC or abc or 123” input method, you can input capitalized, small English letters or numbers. One key is used for inputting more than one letters. Press the key quickly and repeatedly until the letter you want shows. Wait until the cursor moves forward before inputting the next letter.

Punctuation Input:

Enter the “*” key to switch to the punctuation input. Press the up, down, left or right key to select the desired one, and press the left selection key to choose and press the corresponding number key to enter.

VIII. Application of USB storage function:

Precautions before using:

- ◆ Please maintain correct operation of USB equipment connection and disconnection.
- ◆ Please do not use windows format command to carry on the format operation to the mobile disk of cell phone; otherwise, it will result in the damage that cannot be repaired any further.
- ◆ USB operation environment:
 - windows2000 / XP.
 - Other operating systems may require the installation of USB driver before successfully creating the connection of PC and cell phone.

Note: The phone can use USB function (like charging) under switched off mode.

IX. Appendix 1:

Troubleshooting:

Failure	Possible cause
The phone fails to power on.	1. Check that the battery is charged ; 2. Check that the battery is installed correctly.

SIM card error	<ol style="list-style-type: none"> 1. Check whether the SIM card is dirty. If the card is dirty, clean it; 2. reinstall the SIM card; 3. If the SIM card is damaged, replace the SIM card.
Weak signal	<p>Check the signal intensity indicator on the screen. 4 bars indicate a strong signal, and 2 bars or less indicate a weak signal.</p>
Call initiation fails	<ol style="list-style-type: none"> 1. You might have set the Hide Caller ID but the network operator does not support this service; 2. A strong signal interference might exist; 3. You might have activated the Call Barring function; 4. You might have activated Line 2 but the network operator does not support this service.

Battery charge fails	<ol style="list-style-type: none"> 1. The battery may have been excessively discharged. To charge the battery, it is necessary to connect it to a charger for a certain period of time ; 2. The battery may be deteriorated.
Cannot connect to the network	<ol style="list-style-type: none"> 1. Check whether the signal is too week or wireless interference exists around; 2. Check whether the SIM card is installed correctly, poor connection exists, or the SIM card is damaged. If the SIM card is damaged, please contact the network operator.
Photos shot too dark	<ol style="list-style-type: none"> 1. The brightness is set too low; 2. The ambient light is too dark.
Photos shot too blurred	<ol style="list-style-type: none"> 1. The object shot is moving; 2. Your hand shakes when the shutter is pressed.

Photos shot is distorted	The object shot is too close to the lens.
Cannot access the service menu	The SIM card may not support the service.

X. Appendix 2:

Abbreviations:

SMS	Short Message Service
EMS	Enhanced Message Service
SIM	Subscriber Identity Module
GSM	Global System for Mobile Communication
PIN	Personal Identity Number
PUK	PIN Unblocking Key
IMEI	International Mobile Equipment Identity
CB	Cell Broadcast
GPRS	General Packet Radio Service
MMS	Multimedia Messaging service

