

E821

User Manual

LEGAL INFORMATION

Copyright © 2011 ZTE CORPORATION.

All rights reserved.

No part of this publication may be quoted, reproduced, translated or used in any form or by any means, electronic or mechanical, including photocopying and microfilm, without the prior written permission of ZTE Corporation.

ZTE Corporation reserves the right to make modifications on print errors or update specifications in this guide without prior notice.

Version No. : R1.0

Edition Time : 2011.6

Manual No. : 079584503224

Contents

Welcome	8
Your E821	8
Specifications.....	9
Getting Started	11
Installing the Battery	11
Removing the Battery	12
Charging the Battery.....	12
Inserting and Removing the SIM Card.....	13
Inserting and Removing the microSD Card	14
Powering On/Off	15
Calibrating the Touch Screen.....	15
Setting the Time and Date	16
Starting from Standby Mode.....	16
How to extend the standby screen	16
Deleting a shortcut icon on the screen	17
Using the widgets	17
Indicator Icons	18
Basic Operation	20
Menu Navigation.....	20
Locking the Screen and Keypad.....	20
Locking Your Phone.....	21
Running Multiple Applications.....	22
Using the Hardware Keyboard to Enter Text	23

Personalizing Your Phone	25
Screen Settings	25
Phone Profiles	25
General Settings	26
Calling.....	27
Making a Voice Call	27
Making a Video Call.....	27
Making a Call from Contacts.....	27
Making a Call from Call History	28
Making a Call from Messages	28
Making a Speed Dial Call	28
Answering a Call.....	29
In-call Options.....	29
Call History	30
Call Settings.....	30
Messaging	31
Writing and Sending a Message.....	31
Deleting Messages	32
Moving and Copying Messages.....	32
Configuring Message Settings.....	32
SMS Settings	32
MMS Settings	33
Cell Broadcast Settings	33
E-mail.....	34
Setting Up Your E-mail Account.....	34

Writing and Sending an E-mail	34
Receiving E-mails	35
Personal Information.....	36
Contacts.....	36
Creating a Contact	36
Updating an Existing Contact	36
Finding a Contact.....	36
Copying and Moving Contacts.....	37
Groups	37
More Contact Options.....	37
Calendar	38
Adding New Events	38
Viewing and Editing Events	38
Sending Events.....	38
Calendar Settings	39
Notepad	39
Multimedia.....	40
Camera	40
Taking Pictures or Videos	40
Setting the Camera	40
Music Player	41
Music Library	41
Music Player Controls.....	41
Copyright and Protected Files	42
Video Player	42
Video Library.....	42

Video Player Controls	42
Voice Recorder	43
Picture Viewer.....	44
FM Radio	44
Getting Connected	46
Setting Up Data Connection	46
Access Point Settings	46
Connection Settings.....	46
Web Browser	46
Setting the Browser	46
Opening Web Pages.....	47
Bluetooth®.....	47
Setting Up Bluetooth.....	48
Pairing With a Bluetooth Device	48
Using Your Phone as a Modem	49
Setting Mobile Network.....	49
Other Functions.....	50
USB Mass Storage and PC Suite.....	50
Managing Files	50
Setting Alarms.....	51
World Time.....	51
Calculator.....	52
Unit and Currency Converter.....	52
Timer and Stopwatch.....	52
Games and Applications	53
Monitoring On-going Downloads	53

For Your Safety	54
General Care	54
Aircraft Safety	56
Hospital Safety.....	56
General Guidelines	56
Road Safety	58
Vehicles Equipped With an Airbag.....	58
Third Party Equipment.....	59
Radio Frequency (RF) Energy.....	59
FCC Compliance	60
Emergency Services.....	61
Information on Privacy.....	62
Copyright Notice	62
Questions and Answers.....	63

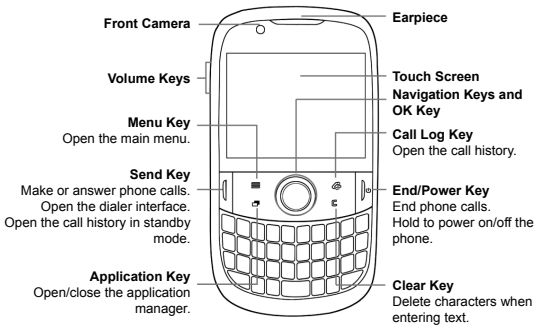
Welcome

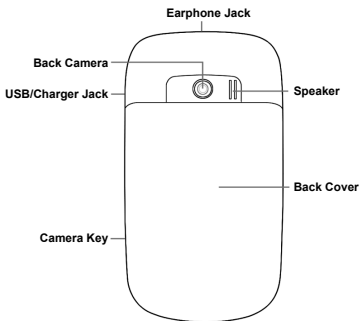
Your E821

The E821 features 3G technology and works seamlessly across the UMTS/GSM/GPRS/EDGE networks, so you'll get high-speed, broadband-quality connectivity wherever you go.

This manual will help you make the most of your new phone. The pictures and icons in this manual are meant for illustrative purposes only and may not look exactly like those found on your phone.

And when using your E821, please make sure you obey the laws of the country you are in, and respect the privacy and rights of others, including copyright.





Specifications

Model	E821
Handset Standard	WCDMA 2100MHz
	GSM/GPRS/EDGE 900/1800MHz
Dimensions (L × W × H)	110 mm × 61mm × 12.5 mm
Display	2.4 inches 240*320 TFT
Weight	106 g (with battery)
Battery	900 mAh Li-ion
Extended memory	Up to 8 GB memory card
Continuous standby time	GSM: 150 hours, WCDMA: 200 hours

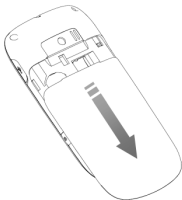
Continuous talk time	GSM: 180 minutes, WCDMA: 240 minutes
Continuous video talk time	120 minutes

* The phone's talk and standby times are based on ideal working environments. Network conditions or, for example, use of the extended backlight or browser, can use more battery power and reduce talk/standby time.

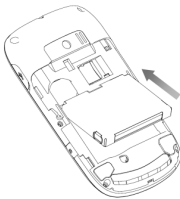
Getting Started

Installing the Battery

1. Remove the back cover.



2. Insert the battery by aligning the gold contacts on the battery with the contacts in the battery compartment.

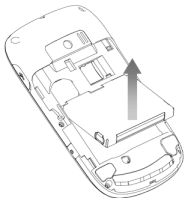


3. Push the battery down so it clicks into place.
4. Replace the back cover.

Removing the Battery

Turn off your phone before removing the battery.

1. Remove the back cover.
2. Pull the battery up and out.



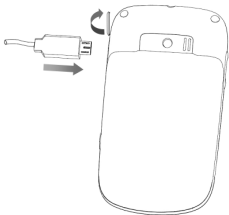
Charging the Battery

Please charge the battery according to the following procedure.

Caution:

Do not charge the battery if the temperature is under 0°C or above 45°C.

1. Open the USB jack cover on the side of the phone and connect the USB charger, making sure it's inserted the right way round. Don't try and force it in.



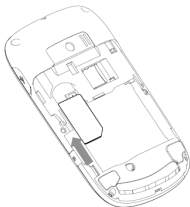
2. Plug the charger into an electrical outlet, and then switch it on.
3. Unplug the charger from the electrical outlet and the phone once it's fully charged.

When not using the battery for a long time, remove it from the phone and store in a cool dry place.

Inserting and Removing the SIM Card

Make sure the phone is turned off and the charger is disconnected.

1. Remove the back cover.
2. If the battery is already inside, take it out.
3. Hold your SIM card with the cut corner as shown below. Then slide it into the slot.



4. Replace the battery first.
5. Replace the back cover.

Caution:


Do not bend, scratch the SIM card, or unnecessarily touch its metal surface. It may damage the information stored in it.

To remove the SIM card, slide it out of the card slot.

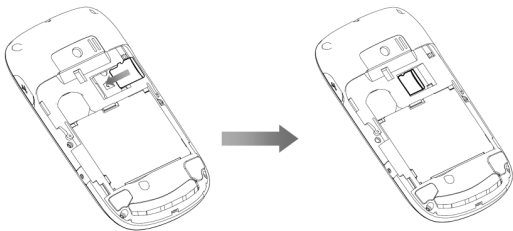
Inserting and Removing the microSD Card

Your phone supports microSD cards up to 8GB. This gives you loads of memory in which to save images, photos, audio and video files.

Note:

microSD logo  is a trademark of the SD Card Association.

1. Remove the back cover.
2. Insert the microSD card carefully with the metal contacts facing downwards, until it is pushed into the right position. As you can see, only part of the microSD card needs to be inserted into the slot.



To remove the card, slide the card out of the slot.

Powering On/Off

1. Insert your SIM card and make sure the battery is charged.
2. Hold **Power Key** to power on the phone. The phone will automatically search for a network.

Note:

You may need to enter the Personal Identification Number (PIN) or phone password if you have enabled PIN lock or phone lock (See **Basic Operation — Locking Your Phone**).

To power off the phone, hold **Power Key**.

Note:

In this manual, the steps needed to perform a task or reach a menu, are shown in a straightforward condensed form. For example: **Settings > Phone > Time and Date > Date Format > YY/MM/DD**.

Calibrating the Touch Screen

Calibrating the touch screen is important because it means the phone will respond to your commands correctly.

1. Press the **Menu Key** to open the main menu.
2. Go to **Settings > Screen > Touch Screen Calibration**.
3. Follow the on-screen direction to calibrate the screen.

Setting the Time and Date

From the main menu, go to **Settings > Phone > Time and Date**.

When **Automatic Time Update** is enabled, the phone will update the time and date automatically. This feature needs network support.

Starting from Standby Mode

When you power on the phone, it automatically goes into standby mode.



The shortcuts available to you are **Browser, Messages, Contacts, and Main Menu**.





You can always return to standby mode by pressing **End Key**.

How to extend the standby screen

The standby screen is divided into five screens. You can access the preset applications on the screen quickly.

1. To switch from one screen to another, flick right or left on the screen.



2. Tap the shortcut icons on the extended screens to access the corresponding applications.

Tap  /  /  /  on each screen to access a specified feature. You can

- Add/delete the shortcut icons of applications on the screen.
- Open the widget tab to use the preset widgets.
- Add/delete the contact shortcuts on the screen. You can tap the contact to make a call or send a message/Email.
- Add/delete the shortcuts of image and video files on the screen. You can tap it to set it as wallpaper or send it via Email or Bluetooth. Tap the video file to play it.


Deleting a shortcut icon on the screen

You can delete the shortcut icon of application, contact, image or video file.

Just hold it until the  icon appears and then drag it to .



Using the widgets

Widgets are a type of small applications. Flick right on the screen in standby mode to display the widgets screen. You can tap  to open or close the widget tab.



















You can drag and drop the widgets you need on the screen or drag them back to the tab. Tap on the widgets you have dropped on the screen to view more information.



Indicator Icons

	Signal strength
	Remaining battery power
	2G network
	EDGE network
	3G network
	Roaming
	Missed voice call
	Missed video call

	Call forwarding active
	Data transfer in progress
	New SMS
	New MMS
	New WAP PUSH message
	New E-mail
	Downloading
	Meeting mode
	Silent mode
	Airplane mode
	Vibration active
	Bluetooth on
	Bluetooth headset connected
	Alarm set
	Earphone inserted
	microSD card inserted

Basic Operation


Menu Navigation

The various functions of the phone can be accessed through menus and submenus. You can navigate the menus by tapping on the touch screen or using the keys.

1. Press **Menu Key** in any screen to open the main menu.
2. The main menu is divided into several screens. Flick left or right on the screen to switch to other screens.
3. Tap on an item, or select the item with **Navigation Keys** and confirm by pressing **OK Key** to launch an application or enter its submenu. In the submenu, you can continue to tap or flick the screen, or use **Navigation Keys** to select and **OK Key** to confirm.
4. Tap **Back** on the screen to return to the previous screen.




Locking the Screen and Keypad

The screen and keypad lock prevents accidental use.

From any screen, hold  to lock the screen and keypad manually. The following screen appears.



You can also make the phone to lock the screen and keypad automatically. Select **Settings > Screen > Keylock Timeout**.

To unlock, hold  or just drag  towards .



Locking Your Phone

To protect your phone against unauthorized use, select **Settings > Security** to:

- Activate security codes and PIN code.
- Change the security codes.
- Use **Fixed Dialing Numbers** to restrict outgoing calls.

Note:

Please make a note of your phone password and PIN code in a safe place where you can access them again if required. Your phone's default password is 0000.

PIN and PIN2 codes are provided by your service provider and go with your SIM card. If you activate the PIN code, you must enter it every time you turn on the phone. PIN2 code is needed for some settings (such as **Fixed Dialing Numbers**).

Fixed dialing numbers are saved to the SIM card. When this fixed dialing is activated, you cannot dial numbers out of the **Dial List**.

WARNING:

If you enter the wrong PIN code three times in a row, the SIM card will be locked. Contact your service provider to get the PIN Unlock Key (PUK).

Running Multiple Applications



Similar to a computer, your E821 is capable of handling several applications simultaneously.

When the phone is running an application, you can press **Menu Key** to return to the main menu. Then you can go to whichever menu you need to launch new applications or just return to standby mode. The previous application will continue to run.

To reopen the application, or switch from one application to another, press **Application Key** or tap the indicator bar on the top of screen to open the task manager (as shown above) and select the application you need. Tap **Back** to cancel and return to the current interface.

Tips:






Alerts, such as new messages and missed calls, will also be displayed in the task manager.

Using the Hardware Keyboard to Enter Text







Your phone has a hardware keyboard – a compact version of standard computer keyboard.



When entering text, do the following:

- To enter lowercase letters, press the letter keys on the hardware keyboard.
- To enter a single uppercase letter, press  and then press the corresponding key.
- To enter all uppercase letters, press  twice and then press the letter keys. To change back to all lowercase letters, press  again.
- To enter a number or symbol (labeled at the upper left or right of the key), press  and then press the corresponding keys. Press  twice to enter all numbers or symbols. And then the same again to go to normal type.

Tips: To enter a number or symbol, you can also press and hold the corresponding keys.

- Press  to change the input mode: word predictive text mode, alphabetic modes and numeric mode.
- To open the symbol pad, press . You can tap on the screen or use **Navigation Keys** and **OK Key** to enter a symbol or emoticon.
- To move the cursor, press **Navigation Keys**.
- To delete the character before the cursor, press  or **Clear Key**. Hold  or **Clear Key** to delete all characters before the cursor.
- To start a new line, press  .
- To enter a space, press  .

Personalizing Your Phone

Screen Settings

Select **Settings > Screen**.

You can set the standby wallpaper, the screen brightness and backlight duration, or the keyboard light duration and period.


Select **Idle Greetings** and enter the greeting content which will be displayed on the standby screen below the network status widget.

Select **Greetings** and enter your personalized content which will be displayed every time you power on the phone.

Phone Profiles

Profiles are used to control the ringtones and volumes.

Select **Settings > Profiles**. The predefined profiles are **General**, **Meeting**, **Outdoors**, **Silent** and **Airplane**. Tap **Edit** beside each profile to set up ringtones and volumes.

Hold  in standby mode to activate or deactivate the **Meeting** profile.

Caution:

Activating the **Airplane** profile will disable your mobile network connection, so you cannot make phone calls or connect to the Internet.

General Settings


Select **Settings > Phone**. You can set ringtone, change the system language, set the time and date, set the main menu, turn on/off touch screen vibration feedback, change the default memory for received files, or restore the phone to its default settings.

Note:


You need to enter the phone password to restore your phone. The default password is 0000.

Calling

Making a Voice Call

1. Enter the number by pressing the keyboard from standby mode.
Delete wrong digits by pressing **Clear Key** or  .
2. Tap **Voice Call** or press **Send Key** to dial the call.

Note:

To make an international call, press  on the keyboard to enter “+” and then enter the country code, area code and the phone number. Press **Send Key** to dial the call.



Making a Video Call

1. Enter the number by pressing the keyboard from standby mode.
2. Select **Options > Video Call** to dial the call.


Note:

The person you're calling has to have phone and a network that can handle video calls. If not, your phone will prompt you to make a voice call.



Making a Call from Contacts

1. Select **Contacts** in the main menu.
2. Scroll up and down the list for the contact you need.
3. Tap a contact you want to call. If the contact has multiple numbers, tap on the number you need.
4. Tap  or  to make a voice call or a video call.

Tips:

You can also tap  to send an SMS or MMS to the contact.

Making a Call from Call History

1. Select **Call Log** in the main menu or press **Send Key** from standby mode.
2. Tap a number or contact you want to call.
3. Tap  or  to make a voice call or a video call.

Tips:

Tap  to send an SMS or MMS to the number.

Making a Call from Messages

1. Open the message.
2. Tap **Options** and select **Voice Call** or **Video Call** to call the message sender.


To call a number in the text of a message you've received, tap the number and select **Voice Call** or **Video Call**.

Making a Speed Dial Call

Press and hold a numeric key (1~9) from standby mode to call the corresponding speed dial number.

The number key 1 is reserved to speed dial your voicemail.

How to set up a speed dial number

1. From the main menu, go to **Contacts**.
2. Tap on a contact.
3. Tap the number and then tap  below the number.
4. Select a number between 2~9.

Answering a Call

Press **Send Key** or tap **Accept** to answer the call.

You can also tap **HF Answer** to answer the call and turn on the speaker.

Press **End Key** or tap **Reject** to reject the call.

You can also tap **Msg.Rej** to reject the call and send a message to the caller, explaining why you cannot answer.

Tap **Silence** to mute the ringtone.

Note:

Press **Volume Keys** to adjust the volume of the earpiece to a moderate level to avoid injury to your ear.

In-call Options

There are many options available to you when you're on a call. The options may vary depending on the current situation and the type of call you are making.

- Mute/unmute your microphone.
- Turn the speaker on/off.
- Put the call on hold or retrieve it.
- Record the call – audio or video.
- Switch the audio between your Bluetooth headset and your phone earpiece.
- Disable or enable sending DTMF tones.
- Block or send your video.
- Switch camera.
- Adjust brightness/volume/contrast/zoom.
- Enable/Disable Picture-in-Picture (PIP) or exchange PIP.

- Change picture for sending.

For any of those, simply select **Options** or tap the options on the screen.

Call History

Select **Call Log** in the main menu to check missed, dialed or received calls, and all call history.

Tap **Options** to clear the call history or check call duration information.

Tap on a call to view the detail, including the number, type, time, duration, date, and how many times the number has been dialed.

Call Settings

Go to **Settings > Call** from the main menu.

There you can choose call forwarding, call waiting and call barring. Select the service you want and choose **Activate** or **Deactivate**. You can also select **Check Status** to see what services are on or off.

Send My Number lets you reveal or hide your number when making calls. Or you can select **Automatic** which gives the network the choice to show or hide your number. This function needs network support.

You can also set up parameters for video calls in **Video Gateway**. Contact your service provider for more information.


Messaging

Select **Messaging** in the main menu to access your text messages (SMS) and multimedia messages (MMS).


The messages are kept in different folders. You can move text messages between the phone and the SIM card, or move important messages to the **User Folder**.

The **SIM Inbox** is used to save text messages on the SIM card, while the **CBS Box** is for saving cell broadcast messages.

Writing and Sending a Message

1. Select **Messaging > New Message**.
2. Tap the **To** field to enter the recipients' numbers directly. Press  or **Clear Key** to delete recipients.

Tips:

You can tap  and select **Recent Calls** to choose the contacts or numbers you contact with recently, or select **Contacts** to add recipients from the contact list or groups.

3. Tap the content area to edit message content. If you want to send an MMS, you can tap **Options**.

Choose whether you want to:

- Insert the message subject.
- Add Cc recipients.
- Add a file or media in SMS or MMS mode.
- Attach images/audios/videos or even make a slide show.

Or select **Add Attachment** to attach files to the message.

4. When the message is done, tap Send to **send** it or tap **Save** to save it to **Drafts**.

Deleting Messages

1. Open the message folder.
2. Tap **Delete** and select the messages you want to delete in this folder.
3. Tap **OK**.
4. Tap **OK** again to confirm.

Moving and Copying Messages

You can move messages from **Phone Inbox** to **User Folder**, or copy/move text messages between **Phone Inbox** and **SIM Inbox**.

1. Open **Phone Inbox** or **SIM Inbox**.
2. Tap **Options** and select **Copy to SIM Card**, **Move to SIM Card**, **Move to User Folder**, **Copy to Phone** or **Move to Phone**.

You can also open the message and then tap **Options** to move or copy the message.

Configuring Message Settings

SMS Settings

- **Message Center Number:** You need the correct message center number to send and receive SMS normally. Your service provider may have set the number for you. Contact your service provider if you need more information.
- **Valid Time:** Choose how long the message centre should try to deliver a message.

- **Delivery Report:** Turn on or off the report that tells you whether a message has been delivered.

MMS Settings

- **Retrieval Settings(Home/Roaming):** Choose how you want to retrieve multimedia messages on your home/roaming network – automatically or manually.
- **Send Mode:** Send messages automatically or delay sending for a set time by selecting Send **Delay**.
- **Slideshow Time:** Set how long each slide should be seen.
- **Delivery Report:** Choose whether you want to know if a message has been delivered.
- **Valid Time:** Set the validity period of outgoing messages.
- **Receive Anonymous Message:** Accept or reject anonymous messages.
- **Receive PUSH Message:** Accept or reject PUSH messages.
- **Connection Mode:** Select the connection for sending and receiving MMS. Please consult the service provider for details.
- **MMS Creation Mode:** Select to create an MMS with or without restriction, or receive warning when adding restricted attachment to an MMS.

Cell Broadcast Settings

- **Retrieve Settings:** Choose whether to retrieve cell broadcast messages.
- **Retrieve Language:** Select the language of retrieved cell broadcast messages.
- **Channel Settings:** Set the cell broadcast channels.

E-mail



Setting Up Your E-mail Account

1. Select **Basic Mail** from the main menu.
2. Select **New Account** and choose an E-mail account from the account list.
3. Set up your new E-mail account by entering account name, Email address, password and server type. Contact your E-mail service provider for the required settings.
4. Tap **Save**.

Tips:

Select **Basic Mail > Settings > Manage Account** and tap on an existing account to edit its settings. Or select Delete if you want to remove it.

Writing and Sending an E-mail

1. Select **Basic Mail** from the main menu.
2. Tap  on the upper right of the screen and select the E-mail account you want to use from the drop-down menu.
3. Select **New Basic Mail**. Enter the recipients' E-mail addresses in the **To** field. Or just tap  to add recipients from the contact list or groups.
4. Enter your text in both the **Sub** and Content fields.
5. Tap the **Attachments** field to add attachments. If necessary, tap **Options** to add **Cc/Bcc** recipients or add a signature.
6. Tap **Send** to send the message or tap **Save** to save it to **Drafts**.

Receiving E-mails

Go to **Basic Mail > Settings > Auto Receive** to choose how often you want your phone to check for E-mails.

Select your E-mail account and open **Inbox** to receive E-mails or synchronize the mailbox.

When you edit your accounts you can also choose whether the phone downloads whole emails or just the email headers.

Personal Information

Contacts

Select **Contacts** from the main menu. You can add new contacts with names and phone numbers to the SIM card, or put contacts with more information on your phone. The phone can store 500 records. The capacity of the SIM card varies.

Creating a Contact

1. Tap **Options** and set up **Default Memory**. The new contact will be saved in the phone or the SIM card, depending on the default memory setting.
2. Tap **New** to add the contact.
3. Tap **Done** to save the contact.

Updating an Existing Contact

1. Tap a contact.
2. Tap **Edit** to edit.
3. Tap **Done** to save the change.

Tips:

You can also update a contact before you dial a number. Enter the number from standby mode and tap **Save > Update Number**.

Finding a Contact

1. Tap **Search** in the contact list.
2. Enter the contact name. Contacts matching the name will be displayed.

Copying and Moving Contacts

1. Tap **Options** in the contact list and select **Copy Contact or Move Contact**.
 2. Choose where you want to move or copy them.
 3. Check the contacts you want to move or copy and tap **Done**.
- You can also open a contact and tap **Options**. Then choose to move or copy this contact.

Groups

You can use groups to manage your contacts easily. There are three preloaded groups: **Family**, **Friends** and **Colleague**.

To make another group, such as 'restaurants', tap **New**. Or if you want to edit a group name, add a group photo, or change group call ringtones, just tap **Manage** and select a group.

More Contact Options

Tap **Options** in the contact list and you can:

- View phone contacts only, SIM contacts only or all contacts.
- Delete contacts.
- Check out service number and your own phone number.
- Set speed dial.
- Send contacts via Bluetooth.

See how much memory is available.

Tips:

Open a contact and tap **Options** to move/copy the contact, set the group for the contact, or send contact information via a message, Email or Bluetooth.



Calendar

Select **Tools > Calendar** from the main menu. You can use the function to arrange and remind you of your upcoming events.

Adding New Events

1. Initially, the current date is highlighted. Tap on the date you need and then tap **New**.
2. Select event type (**Appointment/Memo/Anniversary**) and enter the details.
3. Tap **Done** to save the event.

Tips:

Tap  or  to jump between months, or tap **Find** to go to a certain day.

Viewing and Editing Events

1. Select **Tools > Calendar** from the main menu.
2. Tap **Options** to switch between **Goto Week View** and **Goto Month View**. Tap on a date to see all events in that day.
3. Tap on a particular event to see its detail. You can tap **Edit** to edit this event, or tap **Delete** to delete it.

Sending Events

You can send your events via message, Email, or Bluetooth.

1. Open an event.
2. Tap **Options** and select how you want to send it.

Calendar Settings

To choose the day that you would like each week to start on, or a ringtone for your event alarms, switch to **Goto Month View** or **Goto Week View**, and select **Options > Calendar Settings**.

You can also select **Options > Memory Info** to check available space.

Notepad

Select **Tools > Notepad** from the main menu. You can use **Notepad** to save text memos.

Tap **Add** to create and type a new memo.

In the memo list, select a memo to view its content. You can edit or delete it, or tap **Options** to send it via Message, Email or Bluetooth.

Multimedia

Camera

Taking Pictures or Videos

First, press and hold **Camera key**, or go to **Multimedia > Camera** to display the camera menu.

Then, by tapping **Mode** you can switch between picture and video modes. There are five modes to choose from: normal photos, portrait photos, normal video, video for MMS, and Email.

Press **Volume Keys** or **Up/Down Keys** to zoom in or zoom out. Press **Camera Key** or **OK Key** to take a photo, or to start/end a video recording.

When you have taken a photo, you can set it as wallpaper/avatar, delete it, or send it via Message, Email, or Bluetooth. For a video clip, you can watch, delete or send it.

Tap **Album** or **Videos** to view the previously taken photos or recorded video clips.

Setting the Camera

When taking photos and videos, you can tap **Set** to adjust brightness, contrast, white balance and special effects, or switch between front and back camera.

When taking still pictures, tapping **More** will allow you to select **Shutter Sound**, **Location**, **Size**, **Quality** and **Night** (for low-light shots).

For videos, your choices are **Record** (record the audio or not), **Location**, **Format**, **Quality** and **No disturb**.

Music Player

Music Library

Music library contains and categorizes the music files on the phone and the microSD card.




Enter **All** or **Playlist/Album/Artist/Folder** to view your music files. You can search for a file by tapping **Search**. Simply select a file to play it.

As well as automatically categorizing the files into playlists of **Album**, **Artist** and **Folder**, you can create your own playlists as well.

When you receive or download new music files, select **Options > Update** to refresh the library's contents.

Select **Options > Exit in My Music** to close.

Music Player Controls

- To play / pause, tap  or press **OK Key**.
- Tap  or press **Left Key** to skip to the previous track in the playlist. Hold to rewind.
- Tap  or press **Right Key** to skip to the next track in the playlist. Hold to fast forward.
- If you tap **Options**, you will be given the choice to add your current track selection to an existing playlist; send it via Message, Email or Bluetooth; set it as a ringtone; or see the file information.
- Tap **Settings** to adjust the play options, or Tap **Back** to return to the playlist.

You can also **View Playlist**, and use the **Volume Keys** to adjust the volume.

Copyright and Protected Files

Some media files (by which we mean picture, audio and video files) have licenses that protect them from being unlawfully distributed or shared.

To do this your phone supports OMA DRM 1.0. The protected files have a **.dcf extension**. So although you can download and play/view this type of file, you may not be able to copy, modify or transfer it.

Video Player

Video Library



The video library categorizes your video files on the phone/microSD card/stream media bookmarks. You have the following choices.

- **Update:** Refresh the video library content.
- **Sort:** Change how the local files are shown.
- **Add:** Add a new stream media.
- **Network:** Configure settings for stream media. (Your service provider will have the information you need to do this.)
- **Delete:** Delete video files or stream media bookmarks.
- **Clear:** Clear the recently played file list.

Video Player Controls


When playing a video, tap on the screen to find the control panel as shown below.




Tap  /  or press **OK Key** to pause or play.

Tap  /  or press **Left/Right Key** to play the previous or next video in the list.

Hold  /  or **Left/Right Key** to rewind or fast forward.

Tap  to display more options. You can adjust brightness, send the video clip via Message, Email or Bluetooth, or view the video's details.


Tap  to return to the video library.

Tap  or press **Volume Keys** to control the video volume.

Voice Recorder

Before making a recording, tap **Settings** so you can decide how long your voice memos can be, where the recordings will be saved, and whether allow the alarm to disturb the recording.

Now you're ready make a voice memo.

1. Tap **Start** to start recording.
2. Adjust the recording volume onscreen with  or use the **Volume Keys**.
3. You can select **Pause** or **Continue** at any time.
4. Tap **Done** to stop and save your memo, or tap **Cancel** if you prefer not to save it.

Picture Viewer

Image files are displayed in thumbnails when you enter **Picture Viewer**. Tap **Picture Viewer** to view images saved in your **Picture** folder (except for the wallpapers on your phone). Or select **Other** to view images saved in the **Other** folder, the wallpapers on your phone, and those on the microSD card.

Tap an image to view it. Flick left or right or press **Right/Left Key** to view the next or previous image. Tap **Slideshow** to view all the images in a folder as a slide show.

In the picture browser, select **Options > Update Library** to refresh the image library, or select **Options > Display Mode** to change how the files appear.

Open an image and select **Options** to:

- Send the image or set as wallpaper.
- Choose a frame for the image.
- Set the speed of the slide show.
- Check out the image properties.





Note:

Because of copyright restrictions, some image options might not be available for certain image files.

FM Radio

With the FM radio, you can search for radio channels, listen to them, and save them on your device. Note that the quality of the radio broadcast depends on the coverage of the radio station in that particular area. The earphone works as an antenna, so always connect the earphone when using the radio.

Select **Multimedia > FM Radio** from the main menu to activate the FM radio.

- Tap **Search** on the screen to scan for radio channels.
- Tap  /  or press **Left/Right Keys** to adjust the frequency manually.
- Tap  /  or press **Up/Down Keys** to switch to the previous or next radio channel.
- Tap **List** or press **OK Key** to view all the saved channels. You can edit or delete the channels in the list.
- Tap **Save** to save the current channel into the channel list.
- Press **Volume Keys** to adjust the volume.
- Select **Options > Speaker/Earphone** to switch between the speaker and earphone.
- Tap **Back** to minimize the FM radio and you can still listen to it.
- Select **Options > Exit** to turn off the FM Radio.

Note:

The radio automatically mutes itself when you receive a call while listening to the radio.

Getting Connected

Setting Up Data Connection

Access Point Settings

You need the correct access points to link to the Internet, watch online videos, send/receive MMS and download files. If the setting is not preset on your phone, obtain the setting information from your service provider. Also, check with them if a user name and password are required.

To set up a new Network Access Point

1. Select **Settings > Connect > Access Point Settings** from the main menu. You can view existing access points.
2. Tap **Add** to add a new one.
3. Enter the necessary parameters obtained from your service provider.
4. Tap **Save**.

Connection Settings


Select **Settings > Connect > Connection Settings** from the main menu. Tap **Add** and enter the parameters. Tap **Save** to save and exit.

Web Browser

Select **Browser** from the main menu to launch the web browser.

Setting the Browser

The browser should be correctly set before you can access the Internet. If the browser parameters are preset, you can use it to browse the Internet directly.




Otherwise, tap  > **Browser Settings**. Choose the correct connection setting in **Connections**. You can also select **Advanced Settings** and set up any of the following:

- Display Pic.
- Display Animation.
- Font Size.
- Browser Mode.
- Background Music.
- Cache Mode.
- Cookie Mode.
- Autofill Mode.
- Script.

You can also clear the cache, cookies and autofill list, or check the certificates provided in the browser.

Opening Web Pages

In the browser, you can open a web page in the following ways:

- Select the web address field. Enter an address or select a previous address and tap OK.
- Tap  and select a record to open the web page you have visited.
- Tap  to choose a website bookmark.
- Tap  and select a page memo.

Bluetooth®

Bluetooth lets devices work with each other over a short distance – about 10 meters – without wires.

You can connect your phone to a Bluetooth headset, transfer files between other Bluetooth devices, use your phone as a Bluetooth modem for your PC, or browse the files on remote devices.

Select **Bluetooth** from the main menu to access the Bluetooth menu.

Setting Up Bluetooth

Select **Bluetooth On/Off** to enable Bluetooth function.

If you want other Bluetooth devices to 'see' your phone, turn **Visibility** on.

To change the name of your phone as it appears to others, select **My device settings** and tap the device name to edit.

Pairing With a Bluetooth Device

To pair with another Bluetooth device, you need to turn the Bluetooth function of both devices on and make the other Bluetooth device visible.

1. In the **Bluetooth** menu, tap **Find devices**.
2. A list of visible Bluetooth devices in range will be shown. Choose the one you want to pair with and, if prompted, enter the same Bluetooth pair code on both devices.

Note:

You may need to refer to the user manual of the other device to obtain the pair code.

3. Select to allow the other device to connect without confirmation if needed and then the devices will be paired successfully.
4. The paired device will be added to **Paired devices** list. You can tap on any device in **Paired devices** list to delete or rename it, retrieve file, check device properties, or authorize/unauthorize the device to connect without confirmation.

Using Your Phone as a Modem

You can use the phone as a modem for your PC and surf the Internet.

1. Install the PC suite on your PC first (See **Other Functions — USB Mass Storage and PC Suite**).
2. Select **Settings > Connect > PC Connection** on your phone to choose how you want to connect: either with a USB data cable or a Bluetooth adapter.
3. If the modem is not preset, select **Settings > Connect > Modem Settings** on your phone. You may consult your service provider for the right settings.
4. Connect your phone to the PC with a USB cable or a Bluetooth adapter.
5. Open the PC Suite on your PC to use the modem function. For detailed information, please refer to the PC suite help.

Setting Mobile Network

Go to **Settings > Connect > Network Settings** from the main menu.

You can set the following options.

- Select **Preferred Mode** to choose your preferred network mode.
- Select **Preferred Selection** to search for all available networks and choose the network you want manually.
- Select **GPRS Connect** to always enable GPRS connection or enable it when needed.
- Select **Preferred Network** to view the network information stored on your SIM card. You can also add/create/delete networks in the network list.

IMPORTANT: It may incur significant charges when GPRS connection is always enabled.

Other Functions

USB Mass Storage and PC Suite

You can use the USB mass storage feature to transfer data between the microSD card and PC, and use the PC suite after connecting your phone to the PC with a USB cable.

With the PC suite, you can manage the information and data on your phone in an easier and more flexible way through the computer. For detailed information, please refer to the PC suite help.

1. Insert the microSD card into your phone if you want to use the USB mass storage feature.
2. Select **Settings > Connect > PC Connection** from the main menu and choose the USB mode.
3. Connect your phone to the PC with a USB cable.
4. A window will pop up and prompt you to choose the USB mass storage or PC suite mode.

If you choose the PC suite mode for the first time, the PC suite installation will start. Follow the instructions step by step to complete the installation.

Note:

If the window doesn't pop up automatically for some reason, please open the new CD-ROM drive on the PC manually and find the executable file to run it.

Managing Files

Select **File Manager** to manage files on your phone and your memory card.

In **Photos**, **Audio**, **Videos** and **Other** folders on the phone, or the **Micro SD Card** folder, you can search for files, create new folders, send/delete/rename/move/copy selected files, check folder or memory information.

Tap an image, video or audio file to open it or delete/rename/send/copy/move it. You can also set the images as wallpaper or avatar, or set the audio files as voice/video call ringtones.

Note:

Some options may not be available for certain files because of copyright restrictions.

Setting Alarms

Select **Tools > Alarm** from the main menu to set up alarms. The alarms can be one-off alarms or repeating ones.

Tap **New** to add an alarm and choose the settings. Then tap **Save**.

Tap on an existing alarm to edit its settings. Tap **On/Off** beside each alarm to disable/enable the alarm.

Tap **Delete** to select alarms and delete them.

World Time

If you want to know what time it is in cities around the world, select **Tools > World Time** from the main menu.

The time of cities can be displayed simultaneously in up to four boxes. Tap on a box to add or change the current city. Tap **Query** to see the current time of all major cities.

Note:

The city and time in the upper left box shows your local time. Changing it will affect your phone's time setting.

Calculator

Your phone has a basic calculator for addition, subtraction, multiplication and division. Select **Tools > Calculator** from the main menu. Tap the onscreen keypad or use the hardware keyboard to operate.

Note:

This calculator has limited accuracy. Rounding up or down errors may occur - especially in long division.

Unit and Currency Converter

Select **Tools > Converter** from the main menu.

To convert currencies, tap **Currency** and enter the exchange rates and one currency amount. The amount of the other currency will appear automatically.

To convert units, select the type of unit (**Area, Length, Weight** or **Temperature**). Tap on the unit button to select the unit you need. Enter the quantity below one unit and the quantity in the other unit will appear automatically.

Timer and Stopwatch

Select **Tools > Stop Watch** from the main menu to use the timer and stopwatch.

Tap **Timer/Stop Watch** to switch between the two.

Tap **Start** to begin timing. You can pause the timing or reset it. Or tap **Minimize** to put the timing screen into the background while you get on with other things.

Tips:

When using the stopwatch, tap **Record** to note the time. You can take 20 records in a row.

Games and Applications

Select **Games & Apps** from the main menu to view the installed or preinstalled games and applications.

Select **Options** in **Games & Apps** menu to view the memory information or choose connection settings.

To launch an application in **Games & Apps** menu, just tap it and select **Run**. You can also delete the application, set up security settings, or check details.

Note:

The preinstalled games or applications cannot be deleted.

Monitoring On-going Downloads

While downloading an application, you can check its progress by selecting **Download** from the main menu.

For Your Safety

General Care

Your phone contains delicate electronic circuitry, magnets and battery systems. You should treat it with care and give particular attention to the following points:

- Do not allow the phone, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse the phone in any liquid.
- Do not place the phone alongside computer disks, credit cards, travel cards and other magnetic media. The information contained on disks or cards may be affected by the phone.
- Do not paint the phone.
- Do not leave the phone or the battery in places where the temperature could exceed 60°C, e.g. on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do not remove the phone's battery while the phone is switched on.
- Take care not to allow metal objects, such as coins or key rings to contact or short-circuit the battery terminals.
- Do not dispose of battery in a fire. The phone's Li-ION batteries may be safely disposed of at a Li-ION recycling point. Follow local requirements for recycling.
- Do not put the phone's battery in your mouth, as battery electrolytes may be poisonous if swallowed.
- Do not attempt to dismantle the phone or any of its accessories.

- Do not put a battery into a microwave oven, dryer, or high-pressure container.
- Do not contact battery directly to an electric outlet or cigarette lighter charger. Use only approved charger units.
- Do not pierce battery with a sharp object such as a needle.
- Do not disassemble or modify the battery.
- Do not use a damaged or deformed battery.
- Do not drop, throw, or subject the phone to rough treatment.
- Do not solder the battery directly.
- Stop using the battery if abnormal heat, odor, discoloration, deformation, or abnormal condition is detected during use, charge, or storage.
- Remove the battery whose life cycle has expired from equipment immediately.
- The earpiece may become warm during normal use. Also, the phone itself may become warm while the battery is being charged.
- When a phone is in vibration mode, the vibration can sometimes cause the phone to move.
- Be careful not to place the phone near heat sources (such as a heater) or too close to the edge of the table.
- Power off your phone before you clean it. Use a damp or anti-static cloth to clean the phone. Do not use an ordinary dry cloth or electrostatic cloth. Do not use chemical or abrasive cleaners as these could damage the casing.
- Remember to make backup copies of all important data on your phone.

- Remember to recycle: the cardboard packing supplied with this phone is ideal for recycling.

Warning:

In the unlikely event of a battery leak, take care to keep the battery discharge away from your eyes or skin. If the leakage does come into contact with the eyes or skin, please flush thoroughly in clean water and consult with a doctor.

Aircraft Safety

- Power off your phone before the airplane takes off. In order to protect airplane's communication system from interference, it is prohibited to use mobile phone in flight. If you want to use mobile phone before the airplane takes off, you should get the aircrew's permission according to safety regulations.
- If the mobile phone has the function of automatic timing power-on, please check your alarm setting to ensure that your phone will not be automatically powered on during the flight.

Hospital Safety

- Power off your phone and remove the battery in areas where the use of phones is prohibited.
- Follow the instructions given by the respective medical facility regarding the use of phones on their premises.

General Guidelines

- In some countries, national law prohibits private copying of copyrighted material. Please check the national legislation of the applicable country concerning the use of such material.

- Many jurisdictions have laws and regulations about taking pictures in public or private areas and regarding the processing and further use of such pictures. The manufacturer encourages its customers to obey all laws and to respect the personal rights of others.
- Please check roaming agreement availability with your service provider.
- The use of mobile phones is not allowed in some radiation sensitive areas, such as hospitals, research centers and airplanes. The user is responsible to power-off the device. If there is any uncertainty, you should remove the battery from the phone.
- Observe any signs that indicate powering off phones, such as those near gas stations, or explosives, and power off the phone/device immediately.
- Do not allow children to play with the phone, charger or batteries.
- Do not use the phone where blasting is in progress.
- Turn off your phone during a thunderstorm – unless you are in premises protected by a lightning conductor.
- Take care not to put your phone in the back pocket of your trousers or skirt and then sit on it. Also, do not put your phone at the bottom of bag where it may subject to excessive weight or pressure. Doing so may damage the LCD and camera lens and cause them malfunction.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a phone is used next to them. Observe any caution signs and the manufacturer's recommendations.

- Do not leave the phone discharged or without a battery for a long time, otherwise some data may be erased.
- Your phone contains metal, which may cause you an itch, a rash or eczema depending on your physical condition.

Road Safety

- Pull off the road and park before making or answering a call, if driving conditions require so. Check if local laws and/or regulations restrict the use of phones while driving.
- You **MUST NOT** stop on the hard shoulder of a motorway to answer or make a call, except in an emergency.
- Power off your phone at a refueling point, such as a gas station, even if you are not refueling your own car.
- Do not store or carry flammable or explosive materials in the same compartment as the phone.
- Electronic systems in vehicle, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment can advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems caused by radio transmissions, consult your dealer and do not power on the phone until it has been checked by a qualified technician.

Vehicles Equipped With an Airbag

An airbag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the airbag or in the airbag deployment area. If in-vehicle wireless

equipment is improperly installed and the airbag inflates, serious injury could result.

Third Party Equipment

The use of third party equipment, cables or accessories may invalidate the warranty of your phone and also adversely affect the phone's safety/operation.

Radio Frequency (RF) Energy

This model phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government:

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/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 base station antenna, the lower the power output.

The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 1.300 W/kg and when worn on the body, as described in this user guide, is 0.992 W/kg (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of individual E821 phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/fccid> after searching on FCC ID: Q78-E821

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

FCC 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. Caution: Changes or modifications not expressly approved by the manufacturer 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.

Emergency Services

To make an emergency call in any country:

1. Ensure that your phone is on and has reception.
2. Enter the emergency number for your location, for example, 112 (the international emergency number).

3. Press **Send Key** to dial the number.
4. Tell the operator which service you require: police, ambulance, fire brigade, coastguard or mountain rescue.
5. Clearly explain the situation and where you are – making it as easy as possible for the emergency services to find you as quickly as possible.
6. Follow the instructions you are given. Do not end the call until told to do so.

IMPORTANT

You should never rely solely on any wireless device for essential communications like medical emergencies. Due to the nature of the cellular system, the connection of emergency calls cannot be guaranteed.

Information on Privacy

Pictures taken and audio/video recordings made with your phone can offend the confidentiality of those who feature in them. So please respect all legislation concerning confidentiality. By breaking them you will be held solely responsible.

Copyright Notice

The video/audio recordings you download are protected by copyright laws. They are for your personal use only and must not be otherwise used without the permission of the copyright owner.

Questions and Answers

Got a problem with your phone? Then see if the solution is below. And if that doesn't help, please contact your service provider.

Problem	Possible Cause	Possible Solution
Poor reception	The network signal is too weak where you are. For example, you are in a basement or near a tall building, and the signal is finding it hard to get through.	Move to a location where the network signal can be easily received.
	The network is busy. This can happen during peak times when everyone is trying to make calls.	Try again after waiting a little while.
	You are too far away from a network base station to get a good signal.	Request a service area map from the service provider to see where reception is best.
Echo or noise	Poor network quality.	Press End Key and dial again. You may be switched to a better-quality network.
Unable to select certain features.	The service provider does not support these features, or you have not applied for services that provide these features.	Contact the service provider.

Problem	Possible Cause	Possible Solution
Battery charging failure.	The battery or battery charger is damaged.	Get a new one. (You might have to buy a replacement if your warranty has run out or does not cover such damage.)
	The phone's temperature is below 0°C or higher than 45 °C.	Avoid charging in extreme of temperatures.
	Poor contact between the battery and charger.	Check all connections – in particular that the charger is plugged in properly and turned on.
Shortened standby time	You have been on a different network (you might be roaming abroad). To some extent, standby time depends on the network. The same phone on different networks may not provide the same length of standby.	Temporarily turn off your phone.
	The battery is losing charge/ getting old. For example, battery life is shortened by working in high-temperature environments.	Get a new battery.

Problem	Possible Cause	Possible Solution
Shortened standby time	You are located in an area where the signal is weak or non-existent, so your phone uses more battery power trying to receive a signal.	Change your location to one where the network is more accessible, or temporarily turn off your phone.
You cannot switch your phone on. SIM card error	No battery power.	Recharge the battery.
	SIM card malfunction or damage.	Contact the service provider.
	SIM card wrongly inserted.	Insert the SIM card properly.
Unable to connect to the network.	Dirty SIM card contacts.	Use a soft, dry cloth to clean the SIM card.
	SIM card invalid.	Contact the service provider.
	You are not within the network's service area.	Check the service area with the service provider.
You cannot answer incoming calls.	Poor signal.	Move to an open space or, if you are inside a building, move closer to a window.
	You have activated Call Barring .	Go to Settings > Call >Call Barring , and then select Cancel All Barring .

Problem	Possible Cause	Possible Solution
You cannot make outgoing calls.	You have activated Call Barring .	Go to Settings > Call > Call Barring , and then select Cancel All Barring .
	You have activated Fixed Dialing Numbers .	Go to Settings > Security > Fixed Dialing Numbers and select Status to turn this feature off.
PIN is blocked.	You have entered an incorrect PIN three consecutive times.	Contact the service provider for a PUK code to unlock the SIM card.
Unable to enter information into the phone book.	The phone book's memory is already full.	Delete unnecessary data.