Z233VL

FIND
YOUR JOY

USER
MANUAL
Z8090202700MT

Tomorrow never waits

About This Manual

Thank you for choosing this ZTE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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Getting Started

Installing a microSDHC Card (not included)

Power off your phone before installing or removing a microSDHC card.

1. Place your finger in the slot at the bottom of the back cover to lift and remove the cover. If the battery is installed, remove it.

2. Hold your microSDHC card with the metal contacts facing down and slide it into the microSDHC card slot.

3. Insert the battery by aligning the metal contacts on the battery with the metal contacts in the battery compartment. Gently push down on the battery until it clicks into place.

4. Replace the back cover.

Charging the Battery

Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

WARNING! Use only ZTE-approved chargers and cables. The use of unapproved accessories could damage your phone or cause the battery to explode.

1. Connect the adapter to the charging port.

2. Connect the charger to a standard AC wall outlet. If the phone is on, you'll see a charging icon, such as ⚡ or 🔋, appear in the Status Bar.

3. Disconnect the charger when the battery is fully charged.
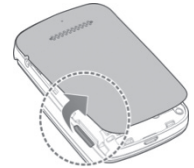
NOTE: If the battery is extremely low, you may be unable to power on the phone even when it is being charged. In this case, try again after charging the phone for at least 20 minutes. Contact customer service if you still cannot power on the phone after prolonged charging.

Extending the Battery Life

Active applications, screen brightness levels, *Bluetooth* usage, and GPS functionality can drain your battery. You can follow the helpful tips below to conserve your battery power:

- Reduce the screen backlight time.
- Lower the screen brightness.
- Turn *Bluetooth* off when not in use.
- Disable the GPS function when not in use. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.

Powering Your Phone On/Off

- Press and hold the **Power/End Key** to turn on your phone.
- To turn it off, press and hold the **Power/End Key** to open the options menu. Select **Power off** > **OK**.

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Settings – Personal – Reset*), you may need to set it up before using it.

1. Use the **4-Way Navigation Key** to select the language you want, and select **Next**.

2. Follow the prompts to set up your phone.

Getting to Know Your Phone

3.5 mm Headset Jack

Auxiliary Microphone

Camera

Speaker

Volume Up/Down Key

External Display

ZTE

Battery Cover

Charging/ micro-USB Port

Earpiece

Internal Display

4-Way Navigation Key

Left Soft Key

Send Key

Recent Apps Key

Camera Key

∗ Key

Center Key

Right Soft Key

Power/End Key

Clear Key

Vibration Mode Key

Main Microphone

Key Functions

Key	Description
Power/End Key	Press and hold to turn Airplane mode on or off, restart, or to power off. Press to end or cancel a call. Press to return to the home screen.
Left Soft Key/ Right Soft Key	Press to select the options at the left/right corner of the bottom of the display. The options change depending on the application/function in use.
Recent Apps Key	Press to see recently used applications.
Volume Up/Down Key	Press or hold to turn the volume up or down.
Camera Key	Press to launch the camera from the home or apps screen, or take a picture when the Camera app is already launched.
Send Key	Press to place or answer a call. Press to launch the Recent Calls app from the home screen to view recent calls.
Clear Key	Press to delete text or numbers before the cursor.
4-Way Navigation Key	Press up/down/left/right to access designated functions from the home screen, navigate options on the display, or move the cursor.
Center Key	Press to select a highlighted item on the screen or perform the function at the bottom center of the display.
Vibration Mode Key	From the home screen, press and hold to activate/deactivate vibration mode. In a text-editing screen, press and hold to change input mode.
∗ Key	From the home screen, press and hold to enter a "+" for international calls. In a text-editing screen, press and hold to change the input language.

Getting to Know the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus.

Status & Notifications

Wallpaper

Contacts

Messages

Apps Menu
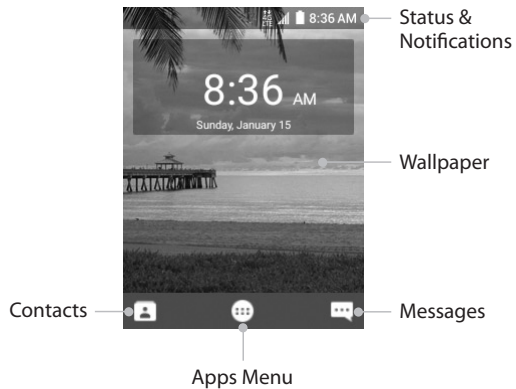
Personalizing

Changing the System Language

1. From the home screen, select ⊕ > **Settings** > **General settings** > **Language & input** > **Language**.
2. Select the language you need.

Setting the Date and Time

1. From the home screen, select ⊕ > **Settings** > **General settings** > **Date & time**.
2. Set the date, time, time zone, and time format.
   - To adjust the date and time automatically, press the **Center Key** to turn on **Automatic date & time**.
   - To adjust the date and time manually, press the **Center Key** to turn off **Automatic date & time** and select **Set date** / **Set time** to change the date and time.
   - To adjust the time zone automatically, check **Automatic time zone**.
   - To adjust the time zone manually, uncheck **Automatic time zone** and select **Select time zone** to set the correct time zone.
   - To adjust the format of time, press the **Center Key** to turn on **Use 24-hour format**.

Changing the Ringtone and Notification Sound

You can quickly customize the default ringtone for incoming calls and the default notification sound.

1. From the home screen, select ⊕ > **Settings** > **Profiles**.
2. Select **General**, then select **Edit**.
3. Select **Phone ringtone** or **Default notification ringtone** and press the **Center Key**.
4. Select the ringtone you'd like to use, then press the **Center Key**.
5. Press the **Left Soft Key** to save the setting.

NOTE: See *Contacts – Adding a New Contact* for how to assign a special ringtone to an individual contact.

Turning System Sounds On/Off

1. From the home screen, select ⊞ > **Settings** > **Profiles**.
2. Select **General**, then select **Edit**.
3. Select **Silent power-on/off**, **Vibrate**, or **Key tone**, then press the **Center Key** to turn on or off the switch.

Adjusting Volumes

1. From the home screen, select ⊞ > **Settings** > **Profiles**.
2. Select **General**, then select **Edit**.
3. Select the slider below **Media volume**, **Alarm volume**, **Ring volume**, or **Notification volume**.
4. Press **left/right** on the **4-Way Navigation Key** to adjust the volume.

NOTE: You can adjust the media volume when a media application is in use by pressing the **Volume Up/Down Key**. If no media application is active, press the **Volume Up/Down Key** to adjust the earpiece volume during a call.

Switching to Silent or Vibration Mode

You can set the phone to silent or vibration mode by using one of the following methods.

- Press the **Volume Up/Down Key** when no media application is active to show the volume management window. Keep pressing the **Volume Down Key** to switch the phone to vibration mode. Press the key again in vibration mode to switch the phone to silent mode.
- From the home screen, select ⊞ > **Settings** > **Profiles** and select **Silent only** or **Vibrate only** to switch to silent or vibration mode.
- From the home screen, press and hold the **Vibration Mode Key** to activate/deactivate vibration mode.

NOTE: To instantly turn off an incoming call ringtone, press the **Volume Up/Down Key**.

Applying New Wallpapers

You can set the wallpaper for the home screen.

1. From the home screen, select ⊞ > **Settings** > **General settings** > **Display** > **Wallpaper**.
2. Select **Wallpapers** and then select an image.

    NOTE: You can also select **Pick image** to choose an image from the Gallery.
3. Press the **Center Key** to set your wallpaper.

Changing the Screen Brightness

1. From the home screen, select ⊞ > **Settings** > **General settings** > **Display** > **Brightness level**.
2. Press **left/right** on the **4-Way Navigation Key** to adjust the brightness.

Protecting Your Phone With a Screen Lock

You can protect your phone by creating a screen lock. When enabled, you can enter a numeric PIN to unlock the phone's screen and keys.

1. From the home screen, select ⊞ > **Settings** > **Personal** > **Security** > **Screen lock**.
2. Select **None** to disable the screen lock, or select **PIN** to set a numeric PIN that you must enter to unlock the screen.

NOTE: Remember the PIN you set. Otherwise, you will have to contact your service provider and upgrade your phone software to use the phone.

Protecting Your Phone With the Anti-Theft Feature

If your phone is lost or stolen, you can use the Anti-Theft feature to lock your phone, erase all data in your phone, or sound the phone's alarm remotely. To use this feature, a micro-SIM card should be installed in your phone, and you will need to remember the Anti-Theft password and the trusted email address you set.

Turning On the Anti-Theft Feature

1. From the home screen, select ⊞ > **Settings** > **Personal** > **Security** > **Anti-Theft**.
2. Select the on/off switch, and then press the **Center Key** to turn on Anti-Theft.
3. Enter your screen lock PIN, and then press the **Center Key**.

   NOTE: If your have not set a screen lock PIN, follow the steps to set one up.
4. Enter your Anti-Theft password, and then enter it again to confirm. Press the **Center Key** to continue.
5. Enter your trusted email address, and then enter it again to confirm. Press the **Center Key** to continue.

   NOTE: The trusted email address will receive a new number if the micro-SIM card on your lost phone is changed. It can also control the lost phone remotely by sending certain commands.
6. In the **Security email content** screen, enter your name and then press the **Center Key**. If the micro-SIM card on your lost phone is changed, the security email content with the new number will be sent to the trusted email address.

NOTE: You can change the Anti-Theft password, trusted email address, and your security content name after the Anti-Theft feature is enabled. Press the **Left Soft Key** and select **Configuration**. Input the Anti-Theft password, and then select an option to change it.

Controlling Your Lost Phone Remotely

To control your lost phone remotely, you can use your trusted email address to send the following commands to **Phonenumber@mypixmessages.com**.

NOTE: "Phonenumber" is your lost phone number or the new number (a new number will be sent to your trusted email address if the micro-SIM card in your phone is changed).

• **Lock:** Lock your phone remotely to prevent another person from using your phone.
• **Alarm:** Make your phone sound the alarm.
• **Factory data reset:** Erase the data on your phone remotely.

NOTE: When using your trusted email address to send a command, you must list the command as the email subject.

Turning Off the Anti-Theft Feature

1. From the home screen, select ⊞ > **Settings** > **Personal** > **Security** > **Anti-Theft**.
2. Select the on/off switch, and then press the **Center Key** to turn off Anti-Theft.
3. Select **OK**.
4. Input your Anti-Theft password, and then press the **Center Key**.

Knowing the Basics

Monitoring the Phone Status

The Status Bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means
1x	2G connected
3G	3G connected
4G LTE	4G LTE™ connected
🔇	Silent mode
📳	Vibration mode
🔋	Battery low
🔋	Battery partially drained
🔋	Battery full
🔋 / 🔋	Battery charging

Indicator	What it means
🕐	Alarm set
⊿	No signal
📶	Signal strength
✈	Airplane mode
✳	Bluetooth on
↑↓	Mobile data in use
📞	Speaker on
🎤	Phone microphone off
📍	GPS on

Managing Notifications

The Status Bar at the top of the home screen provides notification icons on the left side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means
😊	New SMS
🖼	New MMS
✕	Missed call
📞	Call in progress

Indicator	What it means
🎵	Song playing
�	USB connected
🎧	Wired headset connected

External Indicators and Icons

Indicator	What it means
😀	New message
✕	Missed call
🔋	Battery level

Indicator	What it means
📵	No signal
📶	Signal strength
✈	Airplane mode

Opening and Switching Apps

Opening an App

1. Press the **Power/End Key** if the current screen is not the home screen.
2. Select ⊞, then use the **4-Way Navigation Key** to highlight an app.
3. Press the **Center Key** to open it.

Switching Between Recently Opened Apps

1. Press the **Recent Apps Key**. A list of the names and thumbnails of apps you've recently used opens. If you've been using more apps recently than can fit on the screen, you can scroll the list up and down.
2. Select a thumbnail to open that app.

NOTE: Select **Clear all** to remove all thumbnails.

Entering Text

Changing the Input Mode or Language

You can enter text using the following input modes: abc, Abc, ABC, T12 abc, T12 Abc, T12 ABC, and 123 (number input).

When entering text, you will see the input mode indicator on the right side of the Status Bar.

- To change the input mode, press and hold the **Vibration Mode Key** and select a text entry mode.
- To change the input language, press and hold the **∗ Key**.

Entering Letters

- Press a number key (2 ~ 9) multiple times until the preferred letter is shown on the screen. Press once to enter the first letter on the keypad; press twice quickly to enter the second letter, and so on.
- Press the **0 Key** to insert a space, or press the **∗ Key** to select symbols.
- Press the **Clear Key** to delete the letter to the left of the cursor. Press and hold the **Clear Key** to delete all entered text to the left of the cursor.

NOTE: When using Abc mode, only the first letter will be capitalized. After entering the first capital letter, Abc mode will automatically change to abc mode.

Entering Numbers

In numeric mode (123), you can enter numbers directly using the number keys.

Entering Symbols

1. Press the **∗ Key**.
2. Use the **4-Way Navigation Key** to select a symbol.
3. Press the **Center Key**.

Using Predictive Text

Predictive Text Mode (T12 abc/T12 Abc/T12 ABC) is based on a built-in dictionary and generates words from the combination of letters pressed.

- Press each key once that corresponds to the letter you want to enter. The letters are shown on the display as they are entered. The list of candidate words changes as each key is pressed. Use the **4-Way Navigation Key** to highlight a candidate word, and then press the **Center Key**.

Connecting to Networks and Devices

Connecting to Mobile Networks

Controlling Mobile Data Use

To enable or disable data access:
1. From the home screen, select ⊞ > **Settings** > **General settings** > **Mobile networks**.
2. Select **Mobile Data**, then press the **Center Key** to turn it on/off.

To get data services when roaming:
1. From the home screen, select ⊞ > **Settings** > **General settings** > **Mobile networks**.
2. Select **Data roaming**, then press the **Center Key** to turn it on/off.
NOTE: Data roaming may incur significant roaming charges.

Setting Access Point Names

You can use the default Access Point Names (APNs) to connect to the Internet. To add a new APN, you may need to contact your service provider for the required information.
1. From the home screen, select ⊞ > **Settings** > **General settings** > **Mobile networks** > **Access Point Names**.
2. Select ▤ > **New APN**.
3. Select each item to enter the required information.
4. Select ▤ > **Save**.
NOTE: To set the APN to default settings, select ▤ > **Reset to default**.

Connecting to *Bluetooth* Devices

Bluetooth is a short-range wireless communication technology. Phones or other devices with *Bluetooth* capabilities can exchange information wirelessly within a distance of about 30 feet (10 meters). The *Bluetooth* devices must be paired before the communication is performed.

Turning *Bluetooth* On/Off
1. From the home screen, select ⊞ > **Settings** > **General settings** > **Bluetooth**.
2. Select the **Bluetooth** switch, then press the **Center Key** to turn it on.
   When *Bluetooth* is on, the ⁕ icon will appear in the Status Bar.

Changing the Device Name
1. From the home screen, select ⊞ > **Settings** > **General settings** > **Bluetooth**.
2. If *Bluetooth* is off, press the **Center Key** to turn it on.
3. Select ▤ > **Rename this device**.
4. Edit the name and press the **Center Key**.

Pairing With Another *Bluetooth* Device
1. From the home screen, select ⊞ > **Settings** > **General settings** > **Bluetooth**.
2. If *Bluetooth* is off, press the **Center Key** to turn it on.

   Your phone automatically scans for and displays the IDs of all available *Bluetooth* devices in range. Select ▤ > **Refresh** if you want to scan again.
3. Select the device you want to pair with.
4. If necessary, confirm that the *Bluetooth* passkeys are the same between the two devices and press the **Center Key**. Alternately, enter a *Bluetooth* passkey and press the **Center Key**.

   Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.
   NOTE: The *Bluetooth* passkey may be fixed for certain devices, such as headsets and hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys) or refer to the documents for that device.

Forgetting a *Bluetooth* Device

You can make your phone forget its pairing connection with another *Bluetooth* device. To connect to the device again, you need to search for it and enter or confirm a passkey again.

1. From the home screen, select ⊞ > **Settings** > **General settings** > **Bluetooth** and ensure that *Bluetooth* is turned on.

2. In the list of paired devices, select ⚙ beside the *Bluetooth* device you want to forget.

3. Select **FORGET**.

Sending Data via *Bluetooth*

1. Open the appropriate application and select the file or item you want to share.

2. Select the option for sharing via *Bluetooth*. The method may vary by application and data type.

3. Select a *Bluetooth* device the phone has paired with or wait for it to search for new devices and select one of them.

Receiving Data via *Bluetooth*

1. Turn *Bluetooth* on before trying to receive data via *Bluetooth*.

2. The phone will prompt you to accept an incoming file. Press the **Center Key** to start receiving data.

Depending on your storage setting and whether a microSDHC card is installed, received files are stored automatically in a dedicated folder (*Bluetooth*, for instance). You can access them with the File Manager app. Received contacts (vCard files) are automatically imported to your contact list.

Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in internal storage or on a removable microSDHC card.

Connecting Your Phone to a Computer via USB

1. Connect your phone to the PC with a USB cable.

2. Choose one of the following options:
   - **Charge only:** Charge your phone via USB.
   - **Install driver:** Select this option when features (Connect to PC software, Media device) are enabled for the first time, or when they're unavailable.

     NOTE: You can also install the driver on the PC by running the executable file in the CD-ROM drive.
   - **Media device (MTP):** Transfer media files on Windows® or Mac®.

     NOTE: For Windows XP, install the drivers and Windows Media® Player 11 (or later version) when you use Media device (MTP) for the first time.

NOTE: To make your phone connect to the computer automatically using the selected connection type, select the checkbox next to **Don't ask me again**, then press the **Center Key**.

Disconnecting Your Phone From the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

Erasing the microSDHC Card

1. From the home screen, select ⊞ > **Settings** > **Device** > **Storage**.

2. Select **Erase SD card** > **OK** > **ERASE SD CARD** > **ERASE EVERYTHING**.

CAUTION: The formatting procedure erases all the data on the microSDHC card, after which the files CANNOT be retrieved.

Phone Calls

You can place calls from the Recent Calls app, the Contacts app, or other apps that display contact information.

Placing and Ending Calls

Placing a Call by Dialing

1. Press the **Power/End Key**, then enter the phone number with the keypad. Press the **Clear Key** to delete incorrect digits.

   NOTE: As you enter digits, your phone searches for contacts that match. If you see the number you want to dial, select it, then press the **Send Key** to place the call immediately without entering the rest of the number.

2. Press the **Send Key** to dial the number you entered.

NOTES:
- To make an international call, press and hold the **✱ Key** to enter the plus (+) symbol. Next, enter the country code followed by the city/area code and then the phone number.
- To call an extension, enter the phone number, then select ▐ > **Add 2-sec pause** or **Add wait** before entering the extension number.

Ending a Call

During a call, press the **Power/End Key**.

Answering or Rejecting Calls

When you receive a phone call, you can answer or reject the call, or reject it with a text message.

Answering a Call

When you receive a phone call, press the **Send Key** or the **Center Key** to answer the call.

NOTES:
- To silence the ringer before answering the call, press the **Volume Up/Down Key**.
- You can also answer a call by opening the flip phone. See *Phone Calls - Adjusting Your Call Settings - Setting the Phone Flip Action*.

Rejecting a Call

When you receive a phone call, press the **Power/End Key** or the **Right Soft Key** to reject the call.

Select ▐ > **Message reject** to reject the call and send a preset text message to the caller.

NOTES:
- To edit the preset text response, select ⊞ > **Settings** > **Device** > **Call settings** > **Quick responses**.
- You can also reject a call by closing the flip phone. See *Phone Calls - Adjusting Your Call Settings - Setting the Phone Flip Action*.

Working With the Call History

The call history is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your contacts.

To open the call history, select ⊞ > **Recent Calls**, or press the **Send Key** from the home screen.

Placing a Call from the Call History

1. Open the call history.
2. Press up or down on the **4-Way Navigation Key** to select a listing, and then press the **Send Key**.

NOTE: You can use the **4-Way Navigation Key** to select 📵 (missed), 📲 (outgoing), or 📲 (incoming) to filter the records by call type.

Adding a Call History Number as a Contact

1. Open the call history.
2. Select a phone number and press the **Center Key** to view more call information.
   - To add the number to an existing contact, select ▯ > **Update existing contact** and choose a contact from the list.
   - To add a new contact, select ▯ > **Create new contact**.

Taking Other Actions on a Call History Entry

1. Open the call history.
2. Select a phone number and press the **Center Key** to view more call information. While viewing the call details, you can:
   - Select ▯ > **Remove from call log** to delete the entry.
   - Select ▯ > **Edit number before call** to edit the number in the dialer before calling it.
   - Select ▯ > **Send Message** to send a message to the contact or number.

NOTE: You can select ▯ > **Clear call log** in the call history screen to delete all history records.

Calling Your Contacts

Calling a Contact

1. From the home screen, select ⊞ > **Contacts** and select the ▯ tab.
2. Press up or down on the **4-Way Navigation Key** to select a listing and then press the **Send Key**.

Checking Voicemail

If you have set the phone to divert certain calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here's how to check the messages they left.

1. From the home screen, press and hold the **1 Key** on the keypad. If prompted, enter your voicemail password.

2. Follow the voice prompts to listen to and manage your voicemail messages.

NOTE: See *Phone Calls – Adjusting Your Call Settings – Setting Voicemail* for how to set your voicemail service. For detailed information, please contact your service provider.

Using Options During a Call

During a call, the following options are available.

- Press the **Center Key** to turn the speakerphone on/off.
- Press the **Right Soft Key** to mute or unmute the microphone.
- Select ▯ > **Add call** to make another call separately from the first call, which is put on hold.
- Select ▯ > **Merge calls** to merge the separate calls into a single conference call.
- Select ▯ > **Swap** to put the caller you are speaking to on hold, and switch to the other call that has been put on hold.
- Select ▯ > **End Call** or press the **Power/End Key** to end the current call.

WARNING! Because of higher volume levels, do not place the phone near your ear during speakerphone use.

Managing Multiparty Calls

When the call waiting and three-way call features are available, you can switch between two calls or set up a conference call.

NOTE: The call waiting and three-way call features need network support and may result in additional charges. Please contact your service provider for more information.

Switching Between Current Calls

When you're on a call, your phone screen informs you that another call is coming in and displays the caller ID.

To respond to an incoming call while you're on a call:

• Press the **Send Key** or the **Center Key** to answer the call.
• Press the **Right Soft Key** or the **Power/End Key** to reject the second call.
• Select ⊞ > **Message reject** to reject the second call and send a preset text message to the caller.

To switch between two calls:

Select ⊞ > **Swap**.

Setting Up a Conference Call

With this feature, you can talk to two people at the same time.

1. Place the first call.
2. Once you have established the connection, select ⊞ > **Add call** and dial the second number. This puts the first caller on hold.
3. When you're connected to the second party, select ⊞ > **Merge calls**.

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

To end the conference call, press the **Power/End Key**.

Adjusting Your Call Settings

Editing Quick Response to Rejected Callers

1. From the home screen, select ⊞ > **Settings** > **Device** > **Call settings** > **Quick responses**.
2. Select a text message and press the **Center Key** to edit it.
3. Press the **Center Key** to save the message.

Setting Voicemail

1. From the home screen, select ⊞ > **Settings** > **Device** > **Call settings** > **Carrier Setting > Voicemail**.
2. Select from the following voicemail settings:
   • **Service:** Select the voicemail service provider. Your carrier is the default.
   • **Setup:** View or edit the voicemail number.
   • **Sound:** Set the notification sound for new voicemails.
   • **Vibrate:** Check to enable vibration for notification.

Setting the Phone Flip Action

You can answer or end/reject a call by simply opening or closing the flip phone.

1. From the home screen, select ⊞ > **Settings** > **Device** > **Call settings**.
2. Select **Open to answer** or **Close to end call**.
3. Press the **Center Key** to check/uncheck the feature.

Setting TTY Mode

Your phone is a TTY compatible device. A TTY device can allow people who have hearing or speech disabilities to communicate by telephone. Simply connect the TTY device to the phone's headset jack.

Select a TTY mode for your phone to work with a TTY device, or turn TTY off.

1. From the home screen, select ⊞ > **Settings** > **Device** > **Call settings** > **TTY mode**.
2. Select one of the following options. Consult your teletypewriter manufacturer's manual if necessary.
   • **TTY Off:** Users who can hear and talk can disable TTY support.
   • **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through TTY device.

- **TTY HCO:** Users who can hear, but cannot talk, may use this mode to listen to conversation of the other party, and respond via text messages.
- **TTY VCO:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.

Setting Hearing Aids

Your phone supports HAC (Hearing Aid Compatibility) function. When you turn on the hearing aid compatibility and use a hearing aid with a Telecoil to answer the phone, it will help you hear more clearly during the phone call.

1. From the home screen, select ⬚ > **Settings** > **Device** > **Call settings** > **Hearing aids**.
2. Press the **Center Key** to turn on/off hearing aid compatibility.

CAUTION: Do not turn on the Hearing aids option unless you use a hearing aid with a telecoil. Using this setting without a hearing aid or with a hearing aid without a telecoil may be harmful to your hearing.

Setting Speed Dials

You can press and hold the **1-9 Keys** in the home screen to call the corresponding speed dial number.

The number **1 Key** is reserved to speed dial your voicemail.

To assign a speed dial key:

1. From the home screen, select ⬚ > **Settings** > **Device** > **Call settings** > **Speed dial**.
2. Select a speed dial entry and then press the **Center Key**.
3. Select a contact number from the contact list, and then press the **Center Key**.

Forwarding Incoming Calls

The call forwarding feature allows you to forward your incoming calls to another phone number.

1. From the home screen, select ⬚ > **Settings** > **Device** > **Call settings** > **Carrier Setting** > **Call forwarding**.
2. Select an available option (**Always forward**, **Forward when busy**, **Forward when unanswered**, or **Cancel All Forwarding**) to enable it.

   Depending on your selection, follow the prompts on the display to enable, disable, or update each feature.

Voice Privacy

1. From the home screen, select ⬚ > **Settings** > **Device** > **Call settings** > **Carrier Setting** > **Additional settings**.
2. Select **Voice privacy**, and then press the **Center Key** to enable/disable enhanced privacy mode.

Plus Code Dialing Setting

Plus Code Dialing allows the phone to automatically dial the international access code for your location when you press and hold the * Key on the keypad.

To activate Plus Code Dialing:

1. From the home screen, select ⬚ > **Settings** > **Device** > **Call settings** > **Carrier Setting** > **Additional settings** > **Plus code dialing setting**.
2. Select **Setup Plus Code Replacement** and then press the **Center Key** to enable this feature.
3. To change the international dialing code, select **Replace Code of Plus Code**.
4. Enter a new code and then press the **Center Key**.

Enabling Auto Answer

You can set the phone to answer calls automatically when a wired or *Bluetooth* headset is connected.

1. From the home screen, select ⊕ > **Settings** > **Device** > **Call settings** > **Auto answer**.
2. Select **Auto answer**, and then press the **Center Key** to enable this feature.
   - Select **Call duration** and press the **Center Key** to set the wait time before the phone answers the call automatically.
   - Select **Auto answer conditions** and press the **Center Key** to set the auto answer condition for your wired or *Bluetooth* headset.

Contacts

To see your contacts, from the home screen, select ▣. From there, you can select the tabs at the top of the display to quickly switch to your contact groups.

Checking Contact Details

1. From the home screen, select ▣ > ◉ to access your contacts list.
2. Scroll through the list to view all your contacts.
3. Select a contact and then press the **Center Key** to view its details.

Adding a New Contact

1. From the home screen, select ▣ > ◉.
2. Select ▤ > **New contact** to add a new contact.

   NOTE: If you have no contacts added yet, select **CREATE A NEW CONTACT**.
3. Enter the contact name, phone numbers, email addresses, and other information.

   NOTE: You can select ▼ below RINGTONE or NOTIFICATION RINGTONE to set a special ringtone or notification ringtone for the contact. Press the **Center Key** and choose from the list of ringtones available, then select **Save**.
4. To enter more information, select **ADD ANOTHER FIELD** at the bottom of the display and press the **Center Key**.
5. Select ▤ > **Done** to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.

1. From the home screen, select ▣ > ◉.
2. Select **Set up my profile** and then press the **Center Key**.
3. Edit your profile information.
4. To enter more information, select **ADD ANOTHER FIELD** at the bottom of the display and press the **Center Key**.
5. Select ▤ > **Done**.

Importing, Exporting, and Sharing Contacts

You can import/export contacts to/from the phone storage or a microSDHC card. This is especially useful when you need to transfer contacts between different devices. You can also quickly share your contacts using *Bluetooth* or Messaging.

Importing Contacts From the microSDHC Card or Phone Storage

1. From the home screen, select 👤 .
2. Select ⚏ > **Import/Export** > **Import from storage**.
3. If prompted, choose to import one, multiple, or all vCard files in the microSDHC card or the phone storage.
4. If prompted, press the **Center Key** to import the contacts.

Exporting Contacts to the microSDHC Card or Phone Storage

1. From the home screen, select 👤 .
2. Select ⚏ > **Import/Export** > **Export to storage**.
3. The phone will prompt you with the name of the vCard file. Press the **Center Key** to create the file.

Sharing Contacts

1. From the home screen, select 👤 .
2. Select ⚏ > **Import/Export** > **Share visible contacts**.
3. Choose to share via Messaging or *Bluetooth*. The phone will export all of your visible contacts into a vCard file.
4. Follow the prompts on the display to send the vCard file.

Working With Groups

Viewing Your Contact Groups

1. From the home screen, select 👤 > 👥 .
2. Scroll through the list to view the preset groups and any groups you have created.
3. Select a group and press the **Center Key** to view its members.

NOTE: To send a message to the group members, open a group and then select ⚏ > **Send Group message**.

Setting Up a New Group

1. From the home screen, select 👤 > 👥 .
2. Select ⚏ > **Create group**.
3. Select the **Group's name** field and enter a name.
4. Select ▼ below MEMBER and press the **Center Key**, then select the contacts you would like to add to the group.
5. Select ⚏ > **Add member to group**.
6. Select ▼ below RINGTONE and then press the **Center Key**.
7. Select the ringtone for incoming calls from group members, and then select **Save**.
8. Select ⚏ > **Save** to save the group.

Deleting a Group

1. From the home screen, select 👤 > 👥 .
2. Select a group and then press the **Center Key**.
3. Select ⚏ > **Delete Group**.
4. Press the **Center Key** to disband the group. The contacts in the group will not be deleted.

Editing a Group

1. From the home screen, select ⬜ > ⬜.
2. Select a group and then press the **Center Key**.
3. Select ⬜ > **Edit group**.
4. Select the group name to edit it, or select ▼ below MEMBER or RINGTONE to add more members or change the ringtone.
5. Select ⬜ > **Save**.

NOTE: To remove group members, select a group and then select ⬜ > **Multi-Select** to choose members. Then, select ⬜ > **Delete member** > **OK**.

Searching for a Contact

1. From the home screen, select ⬜ > ⬜.
2. Input the contact name or phone number you want to search for. The contacts matched will be listed.

Editing Contacts

Editing Contact Details

1. From the home screen, select ⬜ > ⬜.
2. Select a contact, and then press the **Center Key**.
3. Select **Edit**.
4. Edit the contact, and then select ⬜ > **Done**.

Deleting Contacts

1. From the home screen, select ⬜ > ⬜.
2. Select ⬜ > **Multi-Select**.
3. Select the contact(s) you want to remove and press the **Center Key** to check them.
4. Select ⬜ > **Delete**.
5. Press the **Center Key** to confirm.

Joining Contacts

You can merge all the separate information of a contact into one entry in the Contacts list.

1. From the home screen, select ⬜ > ⬜.
2. Select the contact you need to edit, and then press the **Center Key**.
3. Select **Edit** > ⬜ > **Join**.
4. Select the contact whose information you want to join with the first entry, and then press the **Center Key**.

   NOTES:
   • The information from the second contact is added to the first, and the second contact is no longer displayed in the contacts list.
   • You can repeat these steps to join another contact to the main contact.
5. Select ⬜ > **Done**.

Separating Contact Information

If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.

1. From the home screen, select ⊡ > 🔳.
2. Select a contact you have merged and want to separate, and then press the **Center Key**.
3. Select **Edit** > ⬛ > **Separate**.
4. Press the **Center Key** to confirm.

Messages

You can use Messages to exchange text messages (SMS) and multimedia messages (MMS).

Opening the Messaging Screen

From the home screen, select 🔳.

The Messaging screen opens, where you can create a new message or open an ongoing message thread.

• Select ⬛ > **New message** to write a new text or multimedia message.
• Select an existing message thread to open the conversation.

Sending a Message

1. On the Messaging screen, select ⬛ > **New message**.
2. Add recipients in one of the following ways:
   • Select the **To** field and manually enter the recipient's number or the contact name. If the phone presents a few suggestions, select the one you want to add.
   • Select the **To** field and press the **Center Key** to select recipients from contacts, call history, or contact groups.
   NOTE: To remove a recipient, press the **Clear Key**.
3. Select the text box at the bottom and enter the content of your text message.
4. If you want to send a multimedia message, select ⬛ > **Insert attach** to attach a photo or video to the message.
5. Press the **Center Key** or select **SEND** and then press the **Center Key** to send the message.

NOTE: Do not add an attachment if you want to send a text message. Otherwise you may be charged for a multimedia message.

Replying to a Message

Messages you receive are appended to existing threads of the same number. If the new message comes from a new number, a new thread is created.

1. On the Messaging screen, select the thread that has the message you want to reply to.
2. Type your reply in the text box at the bottom. You can select ▉ > **Insert attach** if you want to reply with an MMS.
3. Press the **Center Key**.

Forwarding a Message

1. On the Messaging screen, select a message thread you want to forward.
2. Select the message and then press the **Center Key**.
3. Select **Forward** in the menu that opens.
4. Enter a recipient for the message and edit the content if needed.
5. Press the **Center Key**.

Deleting Messages

1. On the Messaging screen, select a message thread.
2. Select ▉ > **Multi-Select**.
3. Select the messages you would like to delete and press the **Center Key**.
4. Select ▉ > **Delete** > **OK**.

Changing Message Settings

Select ▉ > **Settings** in the Messaging screen to change message settings.
Storage:
- **Delete old messages:** Delete old messages as limits are reached.
- **Text message limit:** Set the number of text messages to save.
- **Multimedia message limit:** Set the number of multimedia messages to save.

Text messages (SMS):
- **Delivery reports:** Request a delivery report for each message you send.
- **SMS priority:** Set the SMS priority setting to Normal or High.
- **Manage SIM card messages:** Manage the messages stored on your micro-SIM card.

Multimedia messages (MMS):
- **Delivery reports:** Request a delivery report for each message sent.
- **Auto-retrieve:** Automatically retrieve messages.
- **Roaming auto-retrieve:** Automatically retrieve messages while roaming.
- **MMS validity:** Choose the amount of time an MMS remains valid if the recipient is unreachable.
- **Group messaging:** Set to use MMS to send a single message when there are multiple recipients.
- **MMS creation mode:** Choose whether to set restrictions on the MMS content you create and send.

Notifications:
- **Notifications:** Show message notifications in the Status Bar.
- **Select ringtone:** Choose a ringtone for your incoming messages.
- **Vibrate:** Make your phone vibrate when a new message arrives.

Signature settings:
- **Edit signature:** Edit your signature, which can be added automatically to outgoing messages.
- **Add signature:** Add the signature to all outgoing messages.

Wap push switch:
- **Enable wap push receiving:** Allow your phone to receive WAP push.

Wireless Emergency Alerts:
- **Vibrate alert:** Enable vibration alerts when emergency alerts and messages arrive.
- **Receive emergency alerts:** Choose the types of alerts you'd like to receive.
- **Notification for unread alerts:** Set a notification reminder for once or every 2 or 15 minutes.
- **Alerts notification preview:** Preview settings for alert tones and vibration cadence.
- **Speak alert message:** Use text-to-speech to read emergency alert messages.

Calendar

To open Calendar, from the home screen, select ⊕ > **Calendar**.

Viewing Your Calendars and Events

Changing Calendar Views

You can view your calendar by month, week, or agenda. To change a calendar view, select ⊟ > **View by** and select a view.

- In Month view, scroll up and down to see earlier months and later months.
- In Week or Agenda view, scroll left and right to see previous or future weeks and days.
- When you are viewing earlier or later days, weeks, or months, select ⊟ > **Today** to quickly switch to today.

Viewing Event Details

In Agenda or Week view, select an event and then press the **Center Key** to view its details.

In Month view, select a day and then press the **Center Key** to switch to Agenda view. Then open an event to view its details.

Creating an Event

1. In any Calendar view, select ⊟ > **New event** to open an event details screen for a new event.
2. Enter details about the event.
3. Press the **Left Soft Key** to save the new event.

Editing, Deleting, or Sharing an Event

1. Find the event you want to edit, delete, or share.
2. Open its details screen (see *Calendar – Viewing Your Calendars and Events – Viewing Event Details*).

3. Choose one of the following options:
   - To edit the event, select ⊟ > **Edit**. Press the **Left Soft Key** to save your changes.
   - To delete the event, select ⊟ > **Delete**. Press the **Center Key** to confirm.
   - To share the event, select ⊟ > **Share** and choose how to share.

Changing Calendar Settings

To change Calendar settings, open a Calendar view (Week, Month, or Agenda) and then select ⊟ > **Settings** > **General settings**.

Browser

Use Browser to view web pages and search for information.

Opening the Browser

From the home screen, select ⊕ > **Browser** to launch the web browser. The Browser also opens when you open a web link—for example, in an email or a text message.

1. Open the **Browser** app.
2. Select ▐ > **Type URL** to highlight the address box.
3. Enter the address (URL) of a web page, or enter terms you want to search for.
4. Press the **Center Key** to open the web page or search results.

NOTE: Press the **Right Soft Key** if you want to stop opening the page or to go back to the previous opened web page.

Setting the Home Page

Your home page opens when you open the Browser after restarting your phone. You can also open the home page by selecting ▐ > **Homepage** in the Browser screen.

1. Open the **Browser** app.
2. Select ▐ > **Settings** > **Set homepage**.
3. Enter the URL and press the **Center Key** to set it as the home page.

Adding a Bookmark

1. Open the **Browser** app.
2. Open the website you want to add to bookmarks.
3. Select ▐ > **Add to bookmarks**.
4. Edit the title and URL if necessary.
5. Select **Ok** and press the **Center Key**.

Viewing Browser History

1. Open the **Browser** app.
2. Select ▐ > **History** to view all the websites you have visited. You can select one and press the **Center Key** to open it.

Changing Browser Settings

You can configure a number of settings to customize the way you browse the web.

To open the Browser settings screen, select ▐ > **Settings** in the Browser screen.

Camera

You can take photos and record videos. Photos and videos are stored on the phone's memory card or in the phone's internal storage. You can copy them to your computer or access them in the Gallery app.

Capturing a Photo

1. From the home screen, select ⊙ > **Camera**.

   NOTE: You can also press the **Camera Key** from the home or apps screen to launch the Camera app.

2. Aim the camera at the subject and make any necessary adjustments.

   - To use a filter effect, select ⬛ > **Filter** and choose an option.
   - To access White Balance, Brightness, and ISO, select ⬛ > **White balance/Brightness/ISO**. Press the **Center Key**, and then choose an option.
   - To adjust camera settings such as picture size and video quality, select ⬛ > **Settings** and choose an option.

3. Press the **Center Key** or the **Camera Key** to take a picture.

Number	Function
1	Make adjustments and change the camera settings.
2	Switch to the camcorder.
3	Capture a photo.
4	View photos and videos you have taken.
5	Return to the previous screen.

NOTE: You can press the **Volume Key** to zoom in or out before taking a picture.

Recording a Video

1. From the home screen, select ⊙ > **Camera**.

   NOTE: You can also press the **Camera Key** from the home or apps screen to launch the Camera app.

2. Press left on the **4-Way Navigation Key** to switch to the camcorder. The shutter button ⬤ will turn red.

3. Aim the camera at the subject and make any necessary adjustments.

   NOTE: You can press the **Volume Key** to zoom in or zoom out before and during recording.

4. Press the **Center Key** or the **Camera Key** to start recording. You can also press the **Left Soft Key** to pause and resume recording.

5. Press the **Center Key** or the **Camera Key** again to stop recording.

Customizing Camera and Video Settings

Before capturing a photo or video, you can select ⬛ > **Settings** to open the following camera setting options:

- **Picture size:** Set the image size for your photo.
- **Video quality:** Choose Super fine, Fine, or Normal video quality.
- **Shutter tone:** Turn the shutter tone on or off.
- **Photo auto review:** Turn on to automatically view the photo after taking a picture.

Gallery

Opening the Gallery

From the home screen, select ⊙ > **Gallery** to view albums of your pictures and videos.

Working With Albums

When you open the Gallery, all pictures and videos on your phone are displayed in a number of albums. Scroll up and down to see them all.

Viewing Album Contents

Select an album and press the **Center Key** to view the pictures and videos it contains.

Sharing Pictures or Videos

1. Open an album.
2. Select ▤ > **Multi-select**.
3. Select each item you want to share and press the **Center Key** to highlight them.
4. Select ▤ > **Share** and choose a sharing option.

Deleting Albums, Pictures, or Videos

1. Open the Gallery to view your albums, or open an album.
2. Select ▤ > **Multi-select**.
3. Select each item you want to delete and press the **Center Key** to highlight them.
4. Select ▤ > **Delete**.
5. Press the **Center Key** to confirm.

Working With Pictures

Select a picture in an album and then press the **Center Key** to view it. When viewing a picture, the following features are available:

Number	Function
1	View more options, such as delete, share, view details, and view in slideshow.
2	View the picture in full screen.
3	Return to the album, where all its contents are displayed in a grid.
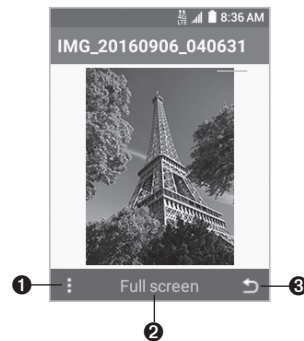
- Press left or right on the **4-Way Navigation Key** to see more pictures and videos.
- Press the **Center Key** to view the picture in full screen.
- Select ▤ > **Delete** to delete the picture.
- Select ▤ > **Share** to share the picture.
- Select ▤ > **Details** to view image details.
- Select ▤ > **Slideshow** to browse the album contents in a slideshow.

Playing Videos

1. Open an album in Gallery.
2. Select a video thumbnail, and then press the **Center Key**.
3. Press the **Center Key** again to start playing the video.

Music

From the home screen, select ⊙ > **Multimedia** > **Music** to play audio files stored on your phone.

Copying Music Files to Your Phone

Before using Music, you need to copy audio files from your computer to your phone or memory card.

Copying From a Computer

1. Connect your phone and the computer with a USB cable.
2. Select **Media device (MTP)** as the connection mode (see *Connecting to Networks and Devices – Connecting to Your Computer via USB – Connecting Your Phone to a Computer via USB*).
3. Copy the music file from the PC to the phone storage or microSDHC card.

Receiving via *Bluetooth*

You can receive music files from other devices via *Bluetooth* (see *Connecting to Networks and Devices – Connecting to Bluetooth Devices – Receiving Data via Bluetooth*).

Viewing Your Music Library

From the home screen, select ⊙ > **Multimedia** > **Music** and your music library is displayed. All your audio files are catalogued according to the information stored in the files.

• **Now Playing:** If an audio file is being played, select this option to open the playback screen.
• **All Songs:** View all music files on your phone.
• **Playlists:** View all music playlists you have created.
• **Albums:** Browse music files on your phone organized by the album name.

Playing Music

Select a song in the music library and press the **Center Key** to listen to it. The following playback screen will appear.

Number	Function
1	Artist and album information.
2	Album artwork (if available).
3	View more options, such as repeat/shuffle options, view track information, and more.
4	Playback control: Skip songs or pause and resume playback.
5	Return to the previous screen.

Music

- To pause or resume playback, press the **Center Key**.
- To skip songs, press left or right on the **4-Way Navigation Key**.
- To rewind or fast-forward a song, press and hold left or right on the **4-Way Navigation Key**.
- To toggle repeat mode, select ⬛ > **Repeat** and choose a mode.
- To turn on/off shuffle mode, select ⬛ > **Shuffle** and select **On** or **Off**.
- To view the current playlist, select ⬛ > **Now Playing List**.
- To view track information, select ⬛ > **Track Info**.
- To close the Music app, select ⬛ > **Exit**.

Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

1. Select a song in the All Songs list.
2. Select ⬛ > **Add to playlist** and choose a playlist, or select **New playlist +** to create a new one.
- In the Playlists screen, select a playlist and then select ⬛ > **Rename** or **Delete** to rename or delete the playlist.
- Open a playlist to view its content. You can select ⬛ > **Add Songs** to add more songs to the playlist, or choose a song and select ⬛ > **Remove** to delete it from the playlist.

Video Player

Use the Video Player to manage your video library and to watch videos.

Opening the Video Library

From the home screen, select ⊞ > **Multimedia** > **Video** to view your video library. Scroll up or down to find the video you want.

Playing and Controlling Videos

Select a video in the library and press the **Center Key** to play it. You can control the video or carry out other operations.

Number	Function
1	Share or delete the video, check its details, or adjust the brightness.
2	Playback control: Skip videos or pause and resume playback.
3	Return to the previous screen.

- To pause or resume playback, press the **Center Key**.
- To skip videos, press left or right on the **4-Way Navigation Key**.
- To rewind or fast-forward a video, press and hold left or right on the **4-Way Navigation Key**.
- To adjust the screen brightness, select ⬛ > **Brightness** and then press up or down on the **4-Way Navigation Key**.
- To delete the video, select ⬛ > **Delete** and then press the **Center Key**.

Video Player

- To share the video, select ▤ > **Share** and then choose a method.
- To view video file details, select ▤ > **Details**.

Managing Video Files

Deleting Videos

1. In the video library, select ▤ > **Multi-Select**.
2. Select the video you want to delete, and then press the **Center Key** to check it.
3. Select ▤ > **Delete**, and then press the **Center Key** to confirm.

Sharing Videos

1. In the video library, select ▤ > **Multi-Select**.
2. Select the video you want to share, and then press the **Center Key** to check it.
3. Select ▤ > **Share**, and then choose how you want to share it.

FM Radio

With the FM Radio, you can search for radio channels, listen to them, and save them on your phone. Note that the quality of the radio broadcast depends on the coverage of the radio station in your area. The wired headset works as an antenna, so always connect the headset when using the radio. When you receive an incoming call while listening to the radio, the radio will be turned off.

Scanning and Saving Channels

1. Plug in a wired headset and select ⊞ > **Multimedia** > **FM Radio** from the home screen.
2. Select ▤ > **Scan**. Your phone scans for all available channels and saves them to the All channels list.

NOTE: When you open the FM Radio for the first time, your phone will automatically scan for channels and show the All channels list.

Listening to FM Radio

1. From the home screen, select ⊞ > **Multimedia** > **FM Radio** with a headset connected.
2. Select ▤ > **All channels**.
3. Select a channel and press the **Center Key** to listen to it.
4. Select ⤺ to view the main FM Radio screen. From here you can use the **4-Way Navigation Key** to control the radio.
   - Press up or down to adjust the channel frequency.
   - Press left or right to switch to other channels.
5. To turn off the FM Radio, select ▤ > **Exit**.

Deleting a Saved Channel

1. Open the FM Radio app and select ▤ > **All channels**.
2. Select a channel, and then select ▤ > **Delete**.
3. Press the **Center Key** to confirm.

Setting Your Radio Region

FM radio frequency ranges differ depending on your region. Select ▤ > **FM frequency range** to select the range you need.

NOTE: If you change the frequency range, previously saved channels are not shown until you switch back to the original frequency range.

Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

Recording a Voice Memo

1. From the home screen, select ⊡ > **Multimedia** > **Sound Recorder**.
2. Press the **Center Key** to start recording.

   NOTE: During recording, you can press the **Center Key** to pause and resume recording.

3. Press the **Left Soft Key** to stop recording. The memo is automatically saved.

Playing a Voice Memo

1. From the Sound Recorder screen, select ▤ > **All Recordings** to see all your recordings.
2. Select a file and press the **Center Key** to play it.

NOTE: Choose a memo and then select ▤ > **Share/Delete/Rename/Details** to share, delete, or rename the file, or view the file information.

More Apps

Calculator

1. From the home screen, select ⊕ > **Tools** > **Calculator** to use the phone's built-in calculator.
2. Input numbers with the keypad and use the **4-Way Navigation Key** to choose the operator for your equation.
3. Press the **Center Key** to view the answer.

NOTES:

- Press the **Clear Key** to clear an input or result.
- Press the **Left Soft Key** to reset the calculator.
- Press the **∗ Key** to enter a decimal point.
- Press the **Vibration Mode Key** to toggle positive and negative.

Clock

From the home screen, select ⊕ > **Clock**. The Clock app allows you to check local time in places around the world, set alarms, and use timers.

Setting a New Alarm

1. Open the Clock app and select the ⏰ tab.
2. Select an existing alarm and then select ⋮ > **Edit** to configure it, or select ⋮ > **New alarm** to create a new one.
3. Set up the alarm options, such as time, alarm days, repeat, snooze, and alarm ringtone.
4. Select **Save** to save your alarm.

NOTE: To enable or disable existing alarms directly, select the alarm and press the **Center Key** to turn on/off the alarm switch.

Using World Time

1. Open the Clock app and select the ▦ tab.
2. World time lets you check local times for cities around the world. Select ⋮ > **Add City** to add a new city.

Using Stopwatch and Countdown

1. Open the Clock app and select the ⏱ or ⧗ tab.
2. Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to zero.

Downloads

The Downloads app keeps a record of the files you have downloaded.

From the home screen, select ⊕ > **Tools** > **Downloads** to view your downloads.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone and on the memory card.

1. From the home screen, select ⊕ > **File Manager**. Select the ▯ / ▯ tab to browse folders and files on the phone storage or the microSDHC card.
   - Select folders and files and press the **Center Key** to open them.
   - Select an item and then select ⋮ to access more options.
   - Select ⋮ > **New folder** to create a new folder in the current directory.

Weather

From the home screen, select ⊕ > **Tools** > **Weather** to check the weather in your city or around the world.

To let the phone locate your city, you need to turn GPS on. Open the Weather app, select ⋮ > **Settings** > **GPS** and press the **Center Key** to turn it on.

More Apps

Adding a City

1. Select ▮ > **Manage city** > ▮ > **Add city**.
2. Enter the city name and press the **Center Key**.
3. Select the city you need from the search results and press the **Center Key**.

NOTES:

• In the main screen of the Weather app, scroll left or right to view the weather for your city and all added cities.
• Press the **Center Key** to refresh the weather.

Settings

From the home screen, select ⊞ > **Settings**. Settings contains most of the tools for customizing and configuring your device.

Profiles

To set an appropriate profile for your environment, select a profile and press the **Center Key** to enable it.

If you select the General profile, you can edit it by pressing the **Left Soft Key**. You can adjust different types of volume (see *Personalizing – Adjusting Volumes*), set up ringtone and notification sound (see *Personalizing – Changing the Ringtone and Notification Sound*), or set system sounds (see *Personalizing – Turning System Sounds On/Off*).

General Settings

Airplane Mode

Select **Airplane mode** and press the **Center Key** to turn it on or off. All the phone's radios that transmit voice or data are turned off when airplane mode is on.

Bluetooth

You can turn *Bluetooth* on or off and configure your *Bluetooth* connections (see *Connecting to Networks and Devices – Connecting to Bluetooth Devices*).

Location

Activate Location to manage location services, which help your phone and apps determine your location. To use location-related applications, you must have location services enabled on your phone.

1. Select the on/off switch, and then press the **Center Key** to turn location services on or off.
2. When location access is enabled, select **Mode** and then press the **Center Key** to select the location sources you want to use.
   • **High accuracy:** Get your accurate location.

- **Battery saving:** Save battery power and get your approximate location.
- **Device only:** Use GPS to pinpoint your location.
- **Accelerated location:** Press the **Center Key** to turn on/off the Qualcomm® IZat™ hardware accelerated location feature.

Mobile Networks

Control mobile data use, data roaming and access point names (see *Connecting to Networks and Devices – Connecting to Mobile Networks*).

Display

- **Brightness level:** Set the brightness of the display.
- **Wallpaper:** Select a background image for the home screen.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Keypad light:** Set the keypad light to be always on or off, or have it turn off in 5, 15, or 30 seconds.
- **Font size:** Set the font size of the text on the screen.

Date and Time

Set date, time, time zone, and how time is displayed. You can also use network-provided data (see *Personalizing – Setting the Date and Time*).

Navigation Key Shortcuts

Assign the up/down/left/right key as a shortcut for a specific function.

Language and Input

- **Language:** Select a language for your system.
- **Keyboard & input methods:** Configure text input settings (see *Knowing the Basics – Entering Text*).
- **Text-to-speech output**
  - **Preferred engine:** Select the speech synthesis engine you want to use or change its settings.

- **Speech rate:** Select how quickly you want the synthesizer to speak.
- **Listen to an example:** Play a brief sample of the speech synthesizer, using your current settings.
- **Default language status:** Check whether the text-to-speech output feature supports the current system language.

Device

Data Usage

Select the checkbox next to **Restrict background data** and then press the **Center Key** to enable or disable this feature.

You can also check how much data has been used during the time cycle you set, set a data usage warning and limit, see what apps have been using mobile data, or restrict background data for individual apps.

NOTE: The data usage is measured by your phone, and your carrier's data usage accounting may differ.

Storage

Check memory information for your external memory card and internal storage. You can choose the default location for new data, such as downloaded files and captured photos.

- **Save location:** Select **Phone** or **SD card** to store items in the phone storage or the installed microSDHC card.
- **Erase SD card:** Erase all data on your memory card and prepare it for use with your phone.
- **Internal storage/SD card:** View available storage space.

Connect to PC

Select the USB connection mode between your phone and PC (see *Connecting to Networks and Devices – Connecting to Your Computer via USB – Connecting Your Phone to a Computer via USB*).

Call Settings

Configure the call options (see *Phone Calls – Adjusting Your Call Settings*).

Accessibility

Configure the system accessibility options and accessibility plug-ins on your phone.

About Phone

View phone status and other information or select **Software Update** to check for the phone software updates.

Personal

Security

* **Screen lock:** Lock the screen with a PIN (see *Personalizing – Protecting Your Phone With a Screen Lock*).
* **Automatically lock:** Set the time needed for the lock protection to be activated after the screen turns off. This option is available when a PIN is set.
* **Owner info:** Set the text that you may display on the lock screen.
* **Set up SIM card lock:** Lock the SIM card and change the SIM PIN.
  – **Lock SIM card:** Activate or deactivate the PIN lock to require a PIN before accessing the micro-SIM card.
  – **Change SIM PIN:** Change the PIN used to access the micro-SIM card.

NOTE: Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your micro-SIM card will be locked and you cannot access the mobile phone network. Contact your operator for a PIN Unlock Key (PUK) to restore the micro-SIM card.

* **Anti-Theft:** If your phone is lost or stolen, you can use this feature to lock your phone, erase all data on your phone, or make the phone sound the alarm remotely. See *Personalizing - Protecting Your Phone With the Anti-Theft Feature*.

Reset

* **Factory data reset:** Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased. You can also erase the data on the memory card during the process.

Upgrading the Phone Software

There are several ways to upgrade your phone software:

1. Use the online upgrade tool for mobile terminal products.
2. Use the one-press upgrade package offered by your mobile service provider.
3. Use your PC to download an upgrade package to your microSDHC card and install it to your phone from the card.

NOTE: Visit the ZTE official handset service support website (http://www.ztedevice.com/support) and click your country or region to learn more about the above upgrade methods, as well as which phones and methods are supported.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible Causes	Possible Solution
Poor reception	The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions can not effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.

Problem	Possible Causes	Possible Solution
Battery not charging	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 32°F (0°C) or higher than 113°F (45°C).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high-temperature environments, battery life will be shortened.	Use a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.

Problem	Possible Causes	Possible Solution
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.
micro-SIM card error	The micro-SIM card has malfunctioned or is damaged.	Take the micro-SIM card to your service provider for testing.
	The micro-SIM card is inserted improperly.	Insert the micro-SIM card properly.
	Debris is on the micro-SIM card contacts.	Use a soft, dry cloth to clean the micro-SIM card contacts.
Unable to connect to the network	The micro-SIM card is invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the micro-SIM card's PUK code, use the PUK code to unlock the micro-SIM card.

General Safety

	Don't make or receive handheld calls while driving. Never text while driving.		Don't use at gas stations.
	Keep your phone at least 15 mm away from your body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause choking.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		To prevent possible hearing damage, do not listen at high volume levels for long periods.
	Avoid contact with anything magnetic.		Avoid extreme temperatures.
	Keep away from pacemakers and other electronic medical devices.		Avoid contact with liquids. Keep your phone dry.
	Power off when asked to in hospitals and medical facilities.		Don't take your phone apart.
	Power off when told to in aircrafts and airports.		Only use approved accessories.
	Power off when near explosive materials or liquids.		Don't rely on your phone for emergency communications.

Radio Frequency (RF) Energy

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 United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 0.6 inches (15 mm). Although the SAR is determined at the highest certified power level, the actual SAR level of the device 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 exposure standard for wireless devices 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.

This device complies with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and has been tested in accordance with the measurement methods and procedures specified in IEEE1528.

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 www.fcc.gov/oet/ea/fccid after searching on FCC ID: **SRQ-Z233VL**.

For this device, the highest reported SAR value for usage against the head is **0.85 W/kg**, for usage near the body is **1.03 W/kg**.

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

SAR compliance for body-worn operation is based on a separation distance of 0.6 inches (15 mm) between the unit and the human body. Carry this device at least 0.6 inches (15 mm) away from your body to ensure RF exposure level compliant or lower to the

reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 0.6 inches (15 mm) between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19-2011).

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed ratings for some of their mobile phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that have been rated have a label on the box. These ratings are not guaranteed. Results will vary, depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference with hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices contain telecoils.)

Your **Z233VL** has been tested for hearing aid device compatibility and has an **M4/T4** rating.

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device.

For additional information about the FCC's actions with regard to hearing aid compatible wireless devices and other steps the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, please go to www.fcc.gov/cgb/dro.

Distraction

Driving
Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery
Full attention must be given to operating machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use
You alone are responsible for how you use your phone and any consequences of its use.

You must always turn off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

• Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
• Keep the screen and camera lens clean. Unclean screen or camera lens may slow down the phone's reaction to your operations or lower image quality.
• Clean the device and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
• Do not expose your phone or its accessories to open flames or lit tobacco products.
• Do not expose your phone or its accessories to liquid, moisture or high humidity.
• Do not drop, throw or try to bend your phone or its accessories.
• Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
• Do not paint your phone or its accessories.
• Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.
• Do not expose or use your phone or its accessories in an environment with or that can reach extreme temperatures, minimum 23°F (-5°C) and maximum 122°F (+ 50°C).
• Do not place your phone inside or near heating equipment or high-pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
• Please check local regulations for disposal of electronic products.
• Do not carry your phone in your back pocket as it could break when you sit down.

Small Children
Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media to be close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the micro-SIM/SD card's metal connectors.

Antenna

Do not touch the antenna unnecessarily.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result. Store the phone safely before driving your vehicle.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician. To reduce the risk of blackouts or seizures, you can use your phone in a well-lit room and take frequent breaks.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features that are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take many breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, *Bluetooth* stereo headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and during normal use.

Electrical Safety

Accessories

Use only approved accessories. Do not connect with incompatible products or accessories. Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the charging jack terminals. Never puncture the surface of the phone with sharp objects.

Connection to Vehicles

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories. Only qualified personnel can service or repair the phone or its accessories. If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

CTIA Requirements

- Do not disassemble or open, crush, bend or deform, puncture, or shred the battery.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short-circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEEStd-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion, or other hazard.
- The phone shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

Radio Frequency Interference

General Statement on Interference

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids. Please consult your doctor and the device manufacturers to determine if the operation of your phone may interfere with the operation of your medical devices.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby. The level of interference will depend on the type of hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Equipment

Turn off your wireless device when requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff. Consult the airline staff about the use of wireless devices onboard the aircraft. If your device offers airplane mode, this must be enabled prior to boarding an aircraft.

For Your Safety

Interference in Vehicles

Please note that because of possible interference with electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Gas Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment. Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas posted power off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Specifications

Handset specifications are shown in the following table.

Handset standards	LTE/CDMA
Dimensions (H × W × D)	4.26" (H) x 2.18" (W) x 0.73" (D)
Weight	4.59 oz. (with battery)
Internal Display External Display	2.8" 320 x 240 0.96" 128 x 64
Camera	2 MP
Internal memory	ROM: 4 GB, RAM: 512 MB
Removable memory card	Supports microSDHC card up to 32 GB
Battery	1,500 mAh (removable)
Continuous idle time	Up to 12 days
Continuous talk time	Up to 8 hours
WAP browser version	WAP 2.0
Bluetooth	BT 4.1
HAC	M4/T4

NOTE: The phone's talk time and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.

Notes