ZTE-C F451
User Guide

LEGAL INFORMATION

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Contents

Welcome

Your F451

Thank you for choosing F451 digital mobile phone. It works in CDMA network, you can make calls and send messages or emails while traveling or roaming.

To guarantee this mobile phone is always in its best condition, please read this manual carefully and keep it for future reference. To ensure your safety, read the section: **For Your Safety** thoroughly before using this phone for the first time.

Note: The pictures and icons presented in this manual are meant for illustrative purposes only and may not accurately represent the actual pictures and icons found on the phone. Your phone contains the most up to date information.

Phone Overview

1. Earpiece: Allows you to hear the caller.

2. LCD Screen: Displays all the information needed to operate your phone.

3. Left Soft Key: Press to display the Contacts List or access the function listed above the key.

4. Send Key: Press to make or receive a call. From the home screen, press to access the All Calls list.

5. Speakerphone Key: Press to activate or deactivate the speakerphone.

6. Music Key: Press to display the My Music menu from the home screen.

7. Voicemail Key: Press and hold to dial your voicemail from home screen.

8. Vibration Mode Key: Press and hold to turn the vibration mode on or off from the home screen.

9. Lock Key: Press and hold to lock the keypad from the home screen.

10. Message Key: Press to open a new text message from the home screen.

11. Center Select Key: Allows you to access the menu screen. It also allows you to accept choices when navigating through a menu.

12. CLR Key: Delete characters or entire words during text entry mode. Press to return to the previous menu or screen.

13. End/Power Key: Press to end calls or close applications. Press and hold to power your phone on/off.

14. Right Soft Key: Press to enter the message box or access the function listed above the key.

15. Directional Key: Allows you to scroll through phone menu options and provides a shortcut to phone functions from home screen.

16. Accessory/Charger Port: Connects the phone to the wall charger, or other compatible accessories.

17. Camera Key: Press and hold to access the camera screen from the home screen.

18. Camera Flash: Camera flash used for taking pictures.

19. External Speaker: Allows you to listen to music, sounds or ringtones.

20. Camera: Built-in camera.

21. Headset Jack: Plug in an optional headset for convenient and hands-free conversations or music playback.

22. Volume Keys: Allows you to adjust the master volume or the earpiece volume during a call.

23. Voice Recorder Key: Press to launch Voice Recorder from the home screen.

Specifications

Model	F451
Dimensions (L x W x H)	110 × 61 × 12.5 mm
Weight	approximately 100 g including battery
Continuous Standby Time	about 220 hours
Continuous Talk Time	about 240 minutes

Note: 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 battery cover by pressing downward and sliding it off.
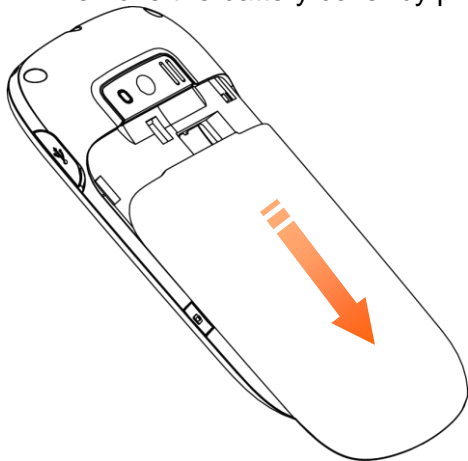
2. Align the battery contacts with the phone terminal and press until you hear a "click".
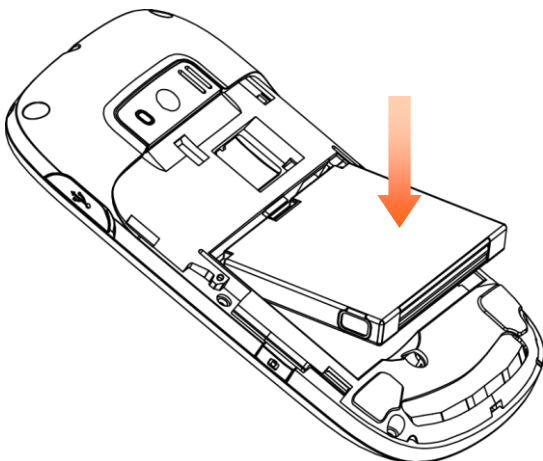
Align the battery cover over the battery compartment and slide it upward until it clicks into place.

Installing the microSD Card

Your phone supports microSD card up to 16 GB. You can store music, pictures, and other files on the microSD card.

Note: microSD logo is a trademark of the SD Card Association.

1.Position the microSD card with the metal contacts facing down and slide it into place until it is fully inserted and locked in place.
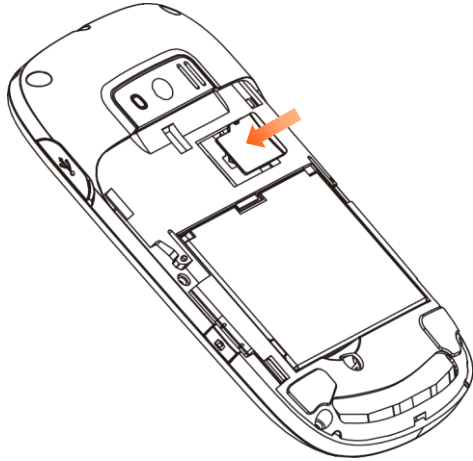
2.   Replace the battery cover.

Charging the Battery

Your device comes with a wall adapter and a USB cable which connect together to charge your phone. To charge your phone:

1.Connect the USB cable into the wall adapter.
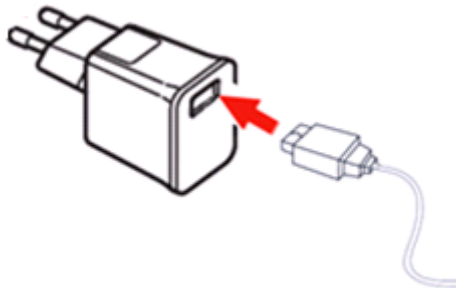
2.Plug the USB cable (as shown below) into the phone's Charger/Accessory Port.
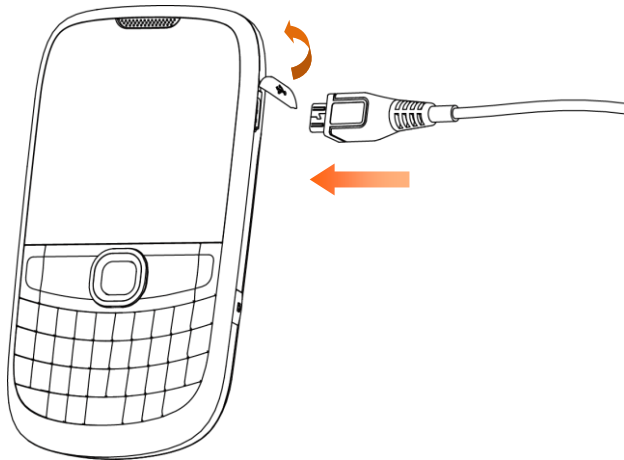
3.<mark>Plug the wall adapter into a power outlet.</mark>

Warning: Please use only an approved charging accessory to charge your device. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your device and void the warranty.
When not using the battery for a long time, remove it from the phone and store in a cool dry place.

Powering On/Off Your Phone

It's important to fully charge the battery before turning on your phone.

• To power on the phone, press and hold the **End/Power Key** until the LCD screen lights up.

Note: If the phone lock code has been activated, you need to enter the code to unlock the phone. The default lock code is the last 4 digits of your phone number.

• To power off the phone, press and hold the **End/Power Key** until the display turns off.

Home screen

The start screen indicates that your device is in the <mark>home screen</mark>.

1. **Signal strength:** The strength of the signal received by the device is indicated by the number of bars displayed.
2. **Contacts:** Press the **Left Soft Key** to select this option.
3. **Menu:** Press the **Center Select Key** to select this option.

4. Message: Press the **Right Soft Key** to select this option.

5. Battery strength: Four bars indicate a fully charged battery.

Note: The start screen may vary if you change the default display settings.

Main Display Icons

: CDMA 1X Signal Strength	: Airplane Mode
: No Service	: Battery Level
: All Sounds Off	: Alarm Only
: Vibrate On	: Missed Calls
: <mark>Message</mark>	: Alarm On
: Roaming	: Data Transfer
: Dormant	: Secure Sockets Layer
: Voice Call	: Keypad Lock
: Bluetooth On	: Calendar Appointment

Tip: Press **Center Select Key [Menu] > Settings & Tools > Phone Info > Icon Glossary** for more information.

Basic Operation

Menu Navigation

Your phone can be customized via the menu. Each function can be accessed by scrolling with the **Directional Key** or by pressing the number that corresponds with the menu item.

1. To access the menu, press the **Center Select Key [Menu]**.
2. To scroll through the menu, press the **Directional Key** up, down, left or right, or press the number key that corresponds to the desired menu item.
3. To return to the previous page, press the **CLR Key**. To exit the current menu and return to home screen, press the **End/Power Key**.
4. To access the message box, press the **Right Soft Key [Message]**. To access the contact List, press the **Left Soft Key [Contacts]**.

In this manual, the steps needed to access a function or menu, are shown in a straightforward condensed form. For example, press the **Center Select Key [Menu] > Settings & Tools > Tools > Calendar**.

Locking/Unlocking Your Phone

To keep your phone from unauthorized use, you can lock the phone. The use of your phone is restricted once the phone is locked. You can still make emergency calls when the phone is locked.

Locking Your Phone

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Phone Security**.
2. Enter the phone lock code and press the **Center Select Key**. The default lock code is the last 4 digits of your phone number.
3. Select **Lock Phone Now** and press the **Center Select Key**.

Tip: You can choose to make the phone locked automatically when you power it on. For detailed information, see "*Phone Lock Setting*".

Unlocking Your Phone

1. Press the **Right Soft Key [Unlock]** from the home screen.
2. Enter the phone lock code and press the **Center Select Key**.

Locking/Unlocking the Keypad

- To lock the keypad, press and hold the **Lock Key** from the home screen.
- To unlock the keypad, press the **Center Select Key**, or press the **Left** or **Right Soft Key** and **Center Select Key** sequentially depending on the current unlock options.

Note: To change the unlock options, press the **Center Select Key [Menu] > Settings & Tools > Keyguard Settings > Unlock Options** and select **Press Once** or **Press Twice**.

Tip: You can choose to make the keypad locked automatically. Just press the **Center Select Key [Menu] > Settings & Tools > Keyguard Settings > Auto lock**, and select **On**.

Easy Set-up

Easy Set-up will guide you to set the common sound or display setting options.

1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings/Display Settings > Easy Set-up**.
2. Follow the prompts on the screen, and press the **Center Select Key** to set each sound or display option or press the **Right Soft Key** to skip setting the option.

Note: Press the **CLR Key** to go to the previous options and change the settings. Press the **Left Soft Key [Preview]** or **[Play]** to view or play the option before setting it.

Entering Text

Your phone has a QWERTY keypad – a compact version of standard computer keyboard. Here's how it works.

- Press ⬚ to switch lowercase and uppercase letters.

- To type a number or symbol, press ⬚ and then press the corresponding keys. Press ⬚ twice to enter all numbers or symbols.

- Press the **Left Soft Key** to change the input mode: predictive text, alphabetic and numeric.

- To open the symbols, press ⬚ or press the **Left Soft Key** and select **Symbols**. Use the **Directional Key** and the **Center Select Key** to enter a symbol. You can press the **Left/Right Soft Key [Prev/Next]** to view more symbols.

- To open the smileys, press ⬚ or press the **Left Soft Key** and select **Smileys**. Use the **Directional Key** and the **Center Select Key** to enter a smiley.

- To add a quick text, press the **Right Soft Key [Options]** and select **Insert Quick Text**, choose an entry and press the **Center Select Key**.

- To move the cursor, use the **Directional Key**.

- To delete the character before the cursor, press ⬚ or the **CLR Key**. In predictive text input mode, hold ⬚ or the **CLR Key** to delete the word before the cursor. In alphabetic or numeric input mode, hold ⬚ or the **CLR Key** to delete all characters before the cursor.

- To start a new line, press ⬚.

- To enter a space, press ⬚.

Calling

Making a Call

Using the Keypad

1. Enter the destination phone number.
2. Press the **Send Key**.

Note: To make an emergency call, enter the emergency number and press the **Send Key**. If possible, remain stationary and keep the line connected.

Using the Contacts

1. Press the **Center Select Key [Menu] > Contacts > Contact List**.
2. Select a contact you want to call. If the contact has multiple numbers, you can open the contact and select a phone number.
3. Press the **Send Key**.

Note: Selecting a contact and then pressing the **Send Key** will dial the default number of the contact automatically.

Using the Call History

1. Press the **Center Select Key [Menu] > Recent Calls**.
2. Navigate through the menu and press the **Center Select Key** to view the missed, received, dialed or all calls.
3. Select a number or contact you want to call and press the **Send Key**.

Shortcut: Press the **Send Key** in home screen to view all calls list.

Making an International Call

1. Press on the keypad to display the '+' required for international calls.
2. Enter the country code, area code, and phone number.
3. Press the **Send Key**.

Answering a Call

When the phone rings or vibrates, press the **Send Key** to answer the call.
If you don't want to answer, just press the **End/Power Key**.

Note: You can change the default call answering options by pressing the **Center Select Key [Menu] > Settings & Tools > Call Settings > Answer Options**.

Speed Dialing

This feature is ideal for frequently dialed numbers and allows contact entries to be dialed via the keypad with only one, two, or three key presses.

One-Touch Dialing:
1-9: Press and hold the number you wish to connect to for more than 1 second.
1: Speed Dial entry 1 (Voicemail) is already assigned.

Two-Touch Dialing:
10-99: Press the first digit then press and hold the second digit of the number to dial.

Three-Touch Dialing:
100-999: Press the first and second digits, then press and hold the third digit of the number to dial.

Assigning a Speed Dial

1. Press the **Center Select Key [Menu] > Contacts > Speed Dials**.

2. Select a speed dial entry, or enter the speed dial digits in the **Go to** field, then press the **Center Select Key [Set]**.
3. Select a contact in the contact list and press the **Center Select Key**. If the contact has multiple phone numbers, you need to choose a number.
4. Select **Yes** and press the **Center Select Key**.

Removing a Speed Dial

1. Press the **Center Select Key [Menu] > Contacts > Speed Dials**.
2. Select a speed dial entry, or enter the speed dial digits in the **Go to** field.
3. Press the **Right Soft Key [Remove]**.
4. Select **Yes** and press the **Center Select Key**.

Wait/Pause

Pauses are used for automated systems (i.e., voicemail or calling cards). The numbers entered after the pause will automatically be dialed after the pause. This feature is useful for dialing into systems that require a code.

Wait (W)

The phone stops dialing until you press the **Send Key** to dial the next number.
1. Enter the phone number.
2. Press the **Right Soft Key [Options]**.
3. Select **Add Wait** and press the **Center Select Key**.
4. Enter additional number(s).
5. Press the **Send Key** to dial.

2-Sec Pause (P)

The phone waits 2 seconds before sending the next string of digits automatically.
1. Enter the phone number.
2. Press the **Right Soft Key [Options]**.
3. Select **Add 2-sec Pause** and press the **Center Select Key**.
4. Enter additional number(s) (pin number or credit card number).
5. Press the **Send Key** to dial.

In-Call Options

The following features and options are available during a call.
- To adjust the volume, press the **Volume Keys**.
- To mute or unmute your voice, press the **Left Soft Key [Mute/Unmute]**.
- To activate or deactivate the speakerphone, press the **Speakerphone Key**.
- Press the **Right Soft Key [Options]** for more options.
  - ➢ **New Txt Message**: Create a new text message.
  - ➢ **Contact List**: View the contact list.
  - ➢ **Recent Calls**: View the call history.
  - ➢ **Bluetooth Menu**: Open the Bluetooth menu.
  - ➢ **Main Menu**: Open the main menu.
  - ➢ **Notepad**: Open the notepad.
  - ➢ **Voice Privacy**: Turn the voice privacy feature on or off.

Recent Calls

Press the **Center Select Key [Menu] > Recent Calls** to view the call history.

- **Missed:** View the calls you did not answered.
- **Received:** View the calls you answered.
- **Dialed:** View the calls made from your phone.
- **All:** View the missed, received and dialed calls.
- **View Timers:** View the information of **Last call**, **All calls**, **Received calls**, **Dialed calls**, **Roaming calls**, **Transmit data**, **Received data**, **Total data**, **Last reset**, **Lifetime calls** and **Lifetime data counter**. And you can also reset them separately or together.

Contacts

Adding a New Contact

1. Press the **Center Select Key [Menu] > Contacts > New Contact**.
2. Enter the contact information you need and press the **Center Select Key [Save]**.

Editing a Contact

1. Press the **Left Soft Key [Contacts]** in the home screen or press the **Center Select Key [Menu] > Contacts > Contact List**.
2. Select a contact and press the **Left Soft Key [Edit]**.
3. Edit or add the contact information and press the **Center Select Key [Save]**.

Updating a Contact

1. Enter the phone number you want to save in the home screen.
2. Press the **Left Soft Key [Save]**.
3. Select **Update Existing** and press the **Center Select Key**.
4. Select the contact you would like to update and press the **Center Select Key**.
5. Select the desired number type and press the **Center Select Key** to update the contact.

Changing the Default Number

1. Press the **Left Soft Key [Contacts]** in the home screen.
2. Select a contact and press the **Left Soft Key [Edit]**.
3. Highlight the number you would like to set as the default and press the **Right Soft Key [Options]**.
4. Select **Set as Default** and press the **Center Select Key**.
5. Select **Yes** and press the **Center Select Key**.
6. Press the **Center Select Key [Save]** to update the contact's information.

Searching a Contact

1. Press the **Left Soft Key [Contacts]** in the home screen to view the contact list.
2. Enter the contact name in the **Go to** field and the contacts matching the name will be highlighted.

Managing Contacts

Deleting Contacts

1. Press the **Left Soft Key [Contacts]** in the home screen.
2. Press the **Right Soft Key [Options]**, select **Manage Contacts > Erase** and press the **Center Select Key**.
3. Press the **Center Select Key [Mark]** to select the contacts, or press the **Right Soft Key [Mark All]** to mark all contacts and then press the **Left Soft Key [Done]**.
4. Select **Yes** and press the **Center Select Key** to confirm.

Note: You can also select a contact in the contact list, press the **Right Soft Key [Options] > Erase**, select **Yes** and press the **Center Select Key** to delete it.

Locking/Unlocking Contacts

You can lock or unlock the phone contacts in the contact list and the locked contacts cannot be deleted.

1. Press the **Left Soft Key [Contacts]** in the home screen.
2. Press the **Right Soft Key [Options]**, select **Manage Contacts > Lock/Unlock** and press the **Center Select Key**.
3. Press the **Center Select Key [Mark]** to mark the contacts you want to lock or unlock, or press the **Right Soft Key [Mark All]** to mark all contacts and then press the **Left Soft Key [Done]**.

Copying Contacts to the microSD Card

You can copy contacts to a microSD card when it is inserted into the phone. The contact files are saved in **synched\contact** on the microSD card.

1. Press the **Left Soft Key [Contacts]** in the home screen.
2. Press the **Right Soft Key [Options]**, select **Manage Contacts > Copy to Memory Card** and press the **Center Select Key**.
3. Press the **Center Select Key [Mark]** to mark the contacts, or press the **Right Soft Key [Mark All]** to mark all contacts and then press the **Left Soft Key [Done]**.
4. Select **Yes** and press the **Center Select Key**.

Note: You can also copy or move the contacts in the microSD card to your phone.

Sending Contacts via Bluetooth

You can send the contacts (V-card) to the Bluetooth devices that support V-card.

1. Press the **Left Soft Key [Contacts]** in the home screen.
2. Select a contact and press the **Right Soft Key [Options]**.
3. Select **Send via Bluetooth** and press the **Center Select Key**.
4. Press the **Center Select Key [Mark]** to mark more contacts, or press the **Right Soft Key [Mark All]** to mark all contacts and then press the **Left Soft Key [Done]**.
5. Follow the on-screen prompts and pair with a new Bluetooth device or select a previously-paired Bluetooth device to send the V-card.

Note: Not all Bluetooth devices can receive V-card. Not all contact information is contained in a V-card.

Grouping Contacts

It's easier to manage your contacts by grouping them. You can add, rename, delete the groups or send a message to all contacts in a group.

Adding Contacts to a Group

1. Press the **Center Select Key [Menu] > Contacts > Groups**.
2. Select a group and press the **Right Soft Key [Options]**.
3. Select **Add** and press the **Center Select Key**.
4. Press the **Center Select Key [Mark]** to mark your desired contacts and press the **Left Soft Key [Done]**.

Adding a New Group

1. Press the **Center Select Key [Menu] > Contacts > Groups**.
2. Press the **Left Soft Key [New]**.
3. Enter the new group name and press the **Center Select Key [Save]**.

Sending a Message to Group Members

1. Press the **Center Select Key [Menu] > Contacts > Groups**.
2. Select a group you want to send a message to and press the **Right Soft Key [Options]**.
3. Select **New Txt Message** or **New Multimedia Message** and press the **Center Select Key**.

4. Write the message and press the **Center Select Key [Send]**.

My Name Card

My Name Card is your personal contact, which you can send as a V-card via a message or Bluetooth.

Editing My Name Card

1. Press the **Center Select Key [Menu] > Contacts > My Name Card**.
2. Press the **Center Select Key [Edit]**.
3. Enter your contact information and press the **Center Select Key [Save]**.

Sending My Name Card via Message

1. Press the **Center Select Key [Menu] > Contacts > My Name Card**.
2. Press the **Right Soft Key [Options]**, then select **Send via Multimedia Message** and press the **Center Select Key**.
3. Create a multimedia message with My Name Card as an attachment, and then press the **Center Select Key [Send]**.

Sending My Name Card via Bluetooth

You can send My Name Card to the Bluetooth devices that support V-card.

1. Press the **Center Select Key [Menu] > Contacts > My Name Card**.
2. Press the **Right Soft Key [Options]**, then select **Send via Bluetooth** and press the **Center Select Key**.
3. Follow the on-screen prompts and pair with a new Bluetooth device or select a previously-paired Bluetooth device to send My Name Card.

Messaging

Your phone is able to send text, picture and voice messages. To access Messaging, press the **Center Select Key [Menu] > Messaging**.

Shortcut: To quickly access the message box, press the **Right Soft Key [Message]** in the home screen.

Using the Message Key

You can press the **Message Key** on the keypad to create a new message.

- From the home screen, press the **Message Key** to create a new text message.
- From the contact list, press the **Message Key** to create a new text message addressed to the highlighted contact's default number.
- From Recent Calls, press the **Message Key** to create a new text message addressed to the highlighted phone number or contact.
- From My Pictures, press the **Message Key** to create a new multimedia message with the highlighted picture as an attachment.
- From My Sounds, press the **Message Key** to create a new multimedia message with the highlighted sound as an attachment.

Creating and Sending a Text Message

1. Press the **Center Select Key [Menu] > Messaging > New Message > Txt Message**.
2. In the **To** field, enter the phone number and press the **Center Select Key**. Or press the **Right Soft Key [Add]** to access more operations.
3. Enter the message in the **Text** field. Press the **Right Soft Key [Options]** to access more operations.
4. Press the **Centre Select Key [Send]** or the **Send Key** to send the message.

Creating and Sending a Multimedia Message

1. Press the **Center Select Key [Menu] > Messaging > New Message > Multimedia Message**.
2. In the **To** field, enter the phone number and press the **Center Select Key**. Or press the **Right Soft Key [Add]** to access more operations.
3. Enter the message in the **Text** field.
4. Select the **Picture** field and press the **Left Soft Key [Add]** to insert the picture.
5. Select the **Sound** field and press the **Left Soft Key [Add]** to add the sound file.
6. Select the **Name Card** field and press the **Left Soft Key [Add]** to add the name cards.
7. Select the **Subject** field and enter the subject.
8. Press the **Right Soft Key [Options]** to access more operations.
9. Press the **Center Select Key [Send]** or the **Send Key** to send the message.

Erasing Messages

You can delete the sent, received messages or messages in **Drafts**. The locked messages cannot be erased.

1. Press the **Center Select Key [Menu] > Messaging** and press the **Right Soft Key [Options]** for the following options.
   - **Erase Sent/received:** Erase sent and received messages.
   - **Erase Drafts:** Erase all messages in the Drafts folder.
   - **Erase All:** Erase all messages or all except unread messages in all message folders.
2. Press the **Directional Key** to select and press the **Center Select Key** to confirm.

Voicemail

All unanswered calls to your phone can be transferred to voicemail, even if your phone is powered off. It's recommended to set up your voicemail and personal greeting as soon as you activate your phone. For more information, contact your service provider.

1. To dial your voicemail directly, enter your voicemail number in the home screen and press the **Send Key**. Or press the **Center Select Key [Menu] > Messaging > Voicemail** and press the **Center Select Key [Call]** to dial.
2. Follow the prompts to enter your password and listen to your messages.

Shortcut: In the home screen, press and hold 1 to dial voicemail.

Email & IM

1. Press the **Center Select Key [Menu] > Messaging > Email & IM** or press the **Center Select Key [Menu] > Email & IM**.
2. Read the introduction and click **Next**.
3. Follow the on-screen prompts to finish the procedure.

Messaging Settings

1. Press the **Center Select Key [Menu] > Messaging** and then press the **Left Soft Key [Settings]**.
2. Select one of the following options and press the **Center Select Key**.
   - **Inbox View:** Set the Inbox View. If the Inbox View by **Time** is set, the received and sent messages are separated in the **Inbox** and **Sent** folders. If the Inbox View by **Contact** is set, the received and sent messages are saved in the combined **Messages** folder.
   - **Entry Mode:** Choose one as the default text entry mode.
   - **Auto Save Sent:** Set the default save mode for the messages you send. Choose **On** to save all sent messages in the Sent folder. Choose **Off** to discard all sent messages. Choose **Prompt** to have the prompt after a message is sent.
   - **Auto Erase Inbox:** Choose **On** to erase the oldest read message automatically from the Inbox when the Inbox is full and a new message arrives. Choose **Off** to disable this feature and you can delete the messages manually when the Inbox is full.
   - **Messaging Font Size:** Set the message font size to **Normal** or **Large**.
   - **Txt Auto View:** Choose **On** to display text messages automatically when they arrive. Choose **Off** to disable this feature and have the phone prompt you.
   - **Multimedia Auto Receive:** Choose **On** to download the picture/voice messages automatically. Choose **Off** to have the phone prompt you to download the picture/voice messages.
   - **Quick Text:** Create or edit the quick text which you can add to a message. Press the **Center Select Key [Edit]** to edit a quick text. Press the **Left Soft Key [Erase]** to delete one entry. Select **Options > New/Move** to add a new quick text or move a saved one.
   - **Callback #:** Add a default callback number so that the recipient can call back or reply. Choose **On** and enter the callback number, then press the **Center Select Key**.
   - **Signature:** Choose **Custom** to add a signature that can be inserted at the end of a text, picture or voice message. Choose **None** to disable the signature.
   - **Delivery Receipt:** Choose **On** to be notified when the message you send is delivered. Choose **Off** to disable notification.

Browser

The web browser is preinstalled in your phone, which allows you to access the Internet with ease. This browser compresses the data of the web pages you visit and speeds up the browsing experience while saving your data airtime.

Press the **Center Select Key [Menu] > Browser** or **Center Select Key [Menu] > Media Center > Browser** to launch the browser.

Opening Web Pages

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

- Use the **Directional Key** to highlight the address bar on the top of screen and press the **Center Select Key [Edit]** to enter the website address you want to browse, and then press the **Center Select Key [Go]**.
- Use the **Directional Key** to highlight the search bar behind the address bar and press the **Center Select Key [Edit]** to enter the information you want to search, and then press the **Center Select Key [Search]**.
- Use the **Directional Key** to select a preset website thumbnail (Speed Dial) and press the **Center Select Key [Open]**.
- Press the **Left Soft Key [Menu]** in the browser screen and highlight and then press the **Center Select Key [Tools]**, select **Bookmarks/History/Saved Pages** and press **Center Select Key** to open the related web page.

Opening a New Browser Tab

The Opera Mini browser supports multi-tab browsing. You can open a different web page in each tab.

1. Press **Left Soft Key [Menu]** and use the **Directional Key** to highlight on the upper right of the browser screen.
2. Press the **Center Select Key**.
3. Press the **Center Select Key [Edit]** to enter the website address, and then press the **Center Select Key [Go]**.

To close a tab, select the tab you want to close and press the **Right Soft Key [Close Tab]**.

Setting a Speed Dial

The website thumbnails in the main screen of the browser are for speed dial, which enables quick access of certain web pages.

1. Use the **Directional Key** to highlight an unassigned speed dial in the browser screen and press the **Center Select Key [Add]**.
2. Enter the website address and press the **Center Select Key [Add]**.

Browser Settings

1. Press the **Left Soft Key [Menu]** in the browser screen and highlight and then press the **Center Select Key [Tools]**.
2. Select **Settings** and press the **Center Select Key**. You can set the options about the browser, please consult **Opera Software ASA** for the detailed information.

Media Center

Browser

Refer to the **Browser** chapter please.

My Music

You can use My Music to play and manage music files stored on your phone and micro SD card. Press the **Center Select Key [Menu] > Media Center > My Music** to access My Music.

IMPORTANT: To play music files on the microSD card, please store your music files in **synched\music** on the microSD card. The phone will load the music files in this directory.

Playing Music

1. Press the **Music Key** in the home screen to access My Music. The phone will check your phone memory and the microSD card (if inserted) for music files.
2. Select **All Songs**, **Playlists**, **Artists**, **Genres** or **Albums** and press the **Center Select Key** to view the songs or playlists.
3. Choose a song or playlist and press the **Center Select Key [Play]**.
4. In the music player, you can:
   - Press the **Center Select Key** to pause or continue the playing.
   - Press the **Directional Key** left or right to skip to the previous or next song.
   - Press and hold the **Directional Key** left or right to rewind or fast forward.
   - Press the **Directional Key** up or down to display the current playlist.
   - Press the **Volume Keys** to adjust the volume. Or press the **Left Soft Key [Mute/Unmute]** to mute or unmute the playing.
   - Press the **Right Soft Key [Options]** for more options:
     - ➢ **Exit Player:** Stop the playing and close the music player.
     - ➢ **Music Only Mode:** Turning this option on will disable all wireless communications.
     - ➢ **Song Info:** View detailed song information.
     - ➢ **Home Screen:** Return to home screen and the music is still playing.
     - ➢ **Repeat:** Set the repeat mode (**Repeat All**, **Repeat One** or **Off**).
     - ➢ **Shuffle:** Turn on/off the shuffle.
   - Press the **End/Power Key** to go back to home screen and the music is still playing. You can check the playing information on the screen.

Tip: When the music is playing in the background, press the **Music Key** in home screen to open the player, or press the **End/Power Key** in home screen to stop the playing.

Creating a Playlist

1. Press the **Music Key** in home screen. Select **Playlists** and press the **Center Select Key**.
2. Select **Yes** and press the **Center Select Key** if there're no playlists available. Or press the **Right Soft Key [Options]** and select **Create New** then press the **Center Select Key** if you have created a playlist.
3. Mark your desired songs and press the **Left Soft Key [Done]**.
4. Edit the playlist name and press the **Center Select Key [Save]**.

Adding Songs to a Playlist

1. Press the **Music Key** in the home screen. Select **Playlists** and press the **Center Select Key**.
2. Select a playlist and press the **Left Soft Key [View]**.

3. Press the **Right Soft Key [Options]** and select **Add Songs** then press the **Center Select Key**.
4. Mark the songs you want to add and press the **Left Soft Key [Done]**.

Managing My Music

1. Press the **Music Key** in the home screen. Select **Manage My Music** and press the **Center Select Key**.
2. The following options are available:
    *   **Erase:** Mark the songs and press the **Left Soft Key [Done]** to delete them. The locked songs cannot be deleted.
    *   **Lock/Unlock:** Mark the songs and press the **Left Soft Key [Done]** to lock or unlock them. Only the songs in the phone memory can be locked.
    *   **Move To Memory Card/Move To Phone:** Mark the songs and press the **Left Soft Key [Done]** to move them to the microSD card or phone memory. The locked songs cannot be moved.

Note: Please insert the microSD card before moving the songs. The songs moved to the microSD card are saved in **synched\music**.

My Ringtones

You can play and use the ringtones.
1. Press the **Center Select Key** to unlock the phone. Press the **Center Select Key [Menu] > Media Center > My Tones > My Ringtones**.
2. Select a ringtone and press the **Center Select Key [Play]** to play it.
3. Press the **Left Soft Key [Set as]** to set a preloaded ringtone as default **Ringtone**, **Contact ID** or **Alert Sounds** by pressing the **Center Select Key**.

My Sounds

In My Sounds, you can play and use the sound files stored on your phone and micro SD card.

IMPORTANT: To use the sound files on the microSD card, please store them in **synched\sounds** on the microSD card. The phone will load the sound files in this directory.

Playing and Using a Sound

1. Press the **Center Select Key [Menu] > Media Center > My Tones > My Sounds**.
2. Select a sound and press the **Center Select Key [Play]** to play it.
3. Press the **Left Soft Key [Set as]** to set the ringtone as default **Ringtone**, **Contact ID** or **Alert Sounds** by pressing the **Center Select Key**.
4. Press the **Right Soft Key [Options]** for more options:
    *   **Send:** Send the sound.
    *   **Rename:** Rename the sound. (Not available for preloaded sounds.)
    *   **Move To Memory Card/Move To Phone:** Move the sound to the microSD card or phone memory. The locked sound cannot be moved. (Not available for preloaded sounds.)
    *   **Lock/Unlock:** Lock or unlock the sound. Only the sounds in the phone memory can be locked. (Not available for preloaded sounds.)
    *   **Erase:** Delete the sound. The locked sounds cannot be deleted. (Not available for preloaded sounds.)
    *   **Erase All:** Delete all sounds in the microSD card or phone. (Not available for preloaded sounds.)
    *   **File Info:** View detailed sound information.

Note: Please insert the microSD card before moving the sounds. The sounds moved to the microSD card are saved in **synched\sounds**.

My Pictures

In My Pictures, you can view and manage all taken or downloaded pictures, and the pictures stored on your phone and micro SD card.

IMPORTANT: To view the pictures on the microSD card, please store them in **synched\pics** on the microSD card. The phone will load the pictures in this directory.

1. Press the **Center Select Key [Memu] > Media Center > My Pictures**.
2. Select a picture and press the **Center Select Key [View]** to view it.
3. Select a picture and press the **Left Soft Key [Erase]** to delete it. The preloaded and locked pictures cannot be deleted.
4. Select a picture and press the **Right Soft Key [Options]** for more options:
   - **Send:** Send the picture. Not all pictures can be sent.
   - **Set as:** Set the picture as **Wallpaper** or a **Picture ID**.
   - **Take Picture:** Turn on the camera to take new pictures.
   - **Manage Pictures:** Manage the pictures stored on your phone and microSD card. (Not available for preloaded pictures.)
     - ➤ **Erase:** Mark the pictures and delete them. The locked pictures cannot be deleted.
     - ➤ **Lock/Unlock:** Mark the pictures and lock/unlock them. Only the pictures in the phone memory can be locked.
     - ➤ **Move To Phone/Move To Memory Card:** Mark the pictures and move them to the phone memory or microSD card. The locked pictures cannot be moved.
   - **Rename:** Rename the picture. (Not available for preloaded pictures.)
   - **File Info:** View detailed picture information.

Note: Please insert the microSD card before moving the pictures. The pictures moved to the microSD card are saved in **synched\pics**.

Recorder

1. Press the **Center Select Key [Menu] > Media Center > Recorder**.
2. Press the **Center Select Key** to start recording and press the **Center Select Key [STOP]** to stop recording.
3. Select and open a recording memo by pressing **Center Select Key [Menu] > Media Center > My Tones > My Sounds**.

Camera

1. Press the **Center Select Key [Menu] > Media Center > Camera**.
   Shortcut: Press and hold the **Camera Key** in the home screen to turn on the camera.
2. Press the **Directional Key** up or down to adjust the brightness. Press the **Directional Key** left or right to zoom out or in (except for the 1600X1200 resolution mode).
3. Press the **Right Soft Key [Options]** to access the camera options. Then press the **Directional Key** up or down to set each option.
   - **Flash Lamp:** Choose the flash mode from Auto Flash, Only This Shot, Off and On.
   - **White Balance:** Choose from Auto, Darkness, Fluorescent, Tungsten, Cloudy and Sunny. You can select Darkness to take better pictures in low light levels.
   - **Color Effects:** Choose from Normal, Negative, Black & White and Antique.
   - **Self Timer:** Choose from Off, 10 Seconds, 5 Seconds and 3 Seconds.
   - **Shutter Sound:** Choose from Shutter, Ready! 1 2 3 and Say "Cheez".
   - **Resolution:** Choose from 1600x1200, 1280x960, 800x600, 640x480 and 320x240.
   - **Save Option:** Choose **Phone** to save the new pictures in the phone or choose **Card** to save them in the microSD card.
4. Press the **Center Select Key [Take]** or the **Camera Key** to take a picture.

5. Press the **Left Soft Key [Save]** to save the picture in **My Pictures** or press the **Right Soft Key [Erase]** to delete it. You can also press the **Center Select Key [Send]** to send it via a multimedia message.

⚠ **Warning: Keep a safe distance when using the flash. Do not point the flash toward people or animals' eyes.**

Bluetooth®

Your phone is capable of connecting to a variety of Bluetooth wireless accessories. It allows you to transfer data between Bluetooth devices, talk with a Bluetooth wireless earphone, etc. The approximate range for Bluetooth wireless technology is up to 30 feet (10 meters).

This device is compliant with Bluetooth specifications, supporting the following profiles: Headset, Handsfree, Stereo, Phonebook Access and Object Push.

Turning Bluetooth On or Off

1. Press the **Center Select Key [Menu] > Settings & Tools > Bluetooth Menu**.
2. Press the **Left Soft Key [Turn on/Turn off]** to turn Bluetooth on or off.

Pairing With a Bluetooth Device

To pair with another Bluetooth device, you need to turn the Bluetooth of both devices on and enable the other device's Bluetooth discoverable mode.

1. Press the **Center Select Key [Menu] > Settings & Tools > Bluetooth Menu > Add New Device**.
2. The phone will prompt you to place the device you are connecting to in discoverable mode. Press the **Center Select Key** to continue.
3. A list of visible Bluetooth devices in range will be shown. Select the Bluetooth device to be paired to and press the **Center Select Key [Pair]**.
4. Enter the password and press the **Center Select Key [Set]**.
Note: The password could be alphanumeric.
5. After the selected device pairing the password, select **Always Ask** or **Always Connect** and press the **Center Select Key** to set the incoming security for the device.
6. Once paired, you will see the device in the Bluetooth menu.
7. Select a paired device and press the **Right Soft Key [Options]** to access the following options.
   - **Remove Device:** Remove the paired device from the list.
   - **Remove All Devices:** Remove all paired devices.
   - **Rename Device:** Rename the paired device.
   - **Incoming Security:** Set the incoming security (**Always Ask** or **Always connect**) for the paired device.
   - **Service Discovery:** View the Bluetooth services supported by the paired device.
   - **Device Info:** View the information of the paired device.
   - **Send Name Card via Bluetooth:** Send contact information (vCard) to the paired device.
   - **Send V-calendar via Bluetooth:** Send calendar events (vCalendar) to the paired device.
   - **Send Pictures via Bluetooth:** Send pictures in My Pictures to the paired device.
   - **Send Sounds via Bluetooth:** Send sounds in My Sounds to the paired device.

Bluetooth Settings

In the Bluetooth menu, highlight **Add New Device** and press the **Right Soft Key [Options]** to access the following options.
- **My Phone Name:** Edit your phone name which appears on other Bluetooth devices when your phone is located.
- **Discovery Mode:** Select **On** to allow other Bluetooth devices to find your phone, or select **Off** to disable the discovery mode.
   Note: After selecting **On**, other users have one minute to see your accessibility, after which the discovery mode will automatically turn off.

- **Supported Profiles:** View the profiles that your phone can support. Highlight a profile and press the **Center Select Key** to view the description.

Tools

Calculator

Your phone has a basic calculator for addition, subtraction, multiplication and division.

Press the **Center Select Key [Menu] > Settings & Tools > Tools > Calculator** and use the keypad to operate.

- Press the **Directional Key** to select a mathematical function (add, subtract, multiply or divide).
- Press the **Center Select Key** to perform the calculation.
- Press the *** Key** to insert a decimal point.
- Press the **# Key** to change the sign.
- Press the **Left Soft Key [Clear]** to clear the inputs and result.
- Press the **Right Soft Key [Operators]** to insert **(** , **)**, or **Exponent**.

Tip Calculator

1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > Tip Calculator**.
2. Enter the **Total bill** amount, adjust the **Tip** percentage, and set the **Split** for the number of people paying.
3. The calculator automatically displays the tip and the share of the bill for each person.

Calendar

You can use the function to arrange and remind you of your upcoming events.

Adding a New Event

1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > Calendar**.
2. Press the **Directional Key** to highlight a date.
3. Press the **Left Soft Key [Add]** to add a new event.
4. Enter the subject, scroll down and press the **Center Select Key [Set]** to set other event settings including Start time, End time, Start date, End date, Recurrence, Alert time, Reminder, Alert tone and Vibrate.
5. Press the **Right Soft Key [Done]**.

Viewing an Event

1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > Calendar**.
2. Press the **Directional Key** to highlight a scheduled day.
3. Press the **Center Select Key [View]** to view the event of the highlighted day.
4. Press the **Center Select Key [View]** again to see detailed information about the event.

Calendar Options

From the calendar view, press the **Right Soft Key [Options]** to access the calendar options.

- **Weekly View/Monthly View:** Choose to display the calendar in weekly view or monthly view.
- **Go to Date:** Specify a date to view.
- **Erase All:** Delete all events.
- **Erase All Old:** Delete all past events.
- **Search:** Enter the subject in the **Go to** field to search for the matched events.

Alarm Clock

Adding a New Alarm
1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > Alarm Clock**.
2. Select an alarm entry and press the **Center Select Key**.
3. From the **Turn On/Off** field press the **Center Select Key [Set]** to turn the alarm **On** or **Off**. Scroll down to adjust the remaining settings, including **Set Time, Repeat** and **Ringtone**.
4. Press the **Right Soft Key [Done]**.

Alarm Options
From the Alarm Clock menu, highlight an existing alarm and press the **Right Soft Key [Options]** to access the following options.
- **Turn off/on**: Turn off or turn on the alarm.
- **Reset**: Delete the alarm.
- **Reset All**: Delete all alarms.

Stop Watch
1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > Stop Watch**.
2. Press the **Center Select Key [Start]** to start timing.
3. Press the **Left Soft Key [Lap]** to record lap times.
4. Press the **Center Select Key [Stop]** to stop timing.
5. Press the **Right Soft Key [Reset]** to clear the records.

World Clock
View the local time and the time of other cities around the world.
1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > World Clock**.
2. Press the **Directional Key** left or right to display different cities and time zones.

Note: Press the **Left Soft Key [DST]** to enable or disable daylight savings time. Press the **Right Soft Key [Cities]** to open the city list and set a desired city as the local city.

Notepad
You can create, edit or erase notes on your phone.
1. Press the **Center Select Key [Menu] > Settings & Tools > Tools > Notepad**.
2. Press the **Left Soft Key [Add]** to add a new note.
3. Enter the note and press the **Center Select Key [Save]** to save it.
4. Highlight a note in the notepad list and press the **Right Soft Key [Options] > Erase/Erase All** to delete the highlighted note or all notes.

USB Mass Storage
You can use the USB mass storage feature to transfer data between the microSD card and PC.
1. Insert the microSD card into your phone.
2. Connect your phone to the PC with a USB cable.
3. Press the **Center Select Key [Menu] > Settings & Tools > Tools > USB Mass Storage**.
4. The phone will be in USB mode and you can transfer data between the microSD card and PC.
5. If you want to exit from the USB mode, press the **Center Select Key [Exit]**.

Tip: You can also press the **End/Power Key** to go back to idle screen and then connect your phone to the PC with a USB cable. Your phone will prompt you to connect the phone to PC, select **Yes** and press the **Center Select Key** to enable the USB mode.

Note: If the microSD card is locked, the phone will prompt you to unlock it.

Settings

Master Volume

Set the master volume of the phone.

1. Press the **Center Select Key [Menu] > Settings & Tools > Master Volume**.
2. Adjust the volume by pressing the **Directional Key** left or right.
3. Press the **Center Select Key [Set]** to save. To check the volume, press the **Left Soft Key [Play]**.

Tip: You can also press the **Volume Keys** in home screen to adjust the master volume.

Keyguard Settings

Set the keypad auto lock and unlock options. Please see the "*Locking/Unlocking the Keypad*" chapter for detailed information.

Sounds Settings

Call Sounds

1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings > Call Sounds**.
2. You can set the following options.
   - **Call Ringtone**: Choose a ringtone from the list for incoming calls.
   - **Call Vibrate**: Select **On/Off** to enable or disable the vibration for incoming calls.
   - **Caller ID Readout**: Set the call alert for incoming calls. Select **Ring Only** to make the phone only ring for incoming calls. Select **Caller ID + Ring** to make the phone read out the caller ID and ring for incoming calls. Select **Name Repeat** to make the phone read the caller's name or number repeatedly for incoming calls.

Alert Sounds

1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings > Alert Sounds**.
2. You can set the following options.
   - **TXT Message**: Choose **Tone**, **Vibrate**, or **Reminder** for incoming text message alerts.
   - **Multimedia Message**: Choose **Tone**, **Vibrate**, or **Reminder** for incoming multimedia message alerts.
   - **Voicemail**: Choose **Tone**, **Vibrate**, or **Reminder** for incoming voicemail alerts.
   - **Emergency Tone**:
     - ➤ **Alert**: The phone will play the emergency tone for emergency dialing, except when the master volume is set to **Vibrate Only** or **Off**.
     - ➤ **Vibrate**: The phone will vibrate for emergency dialing instead of playing the emergency tone.
     - ➤ **Off**: Disable the emergency tone and vibration.
   - **Missed Call**: Choose **Tone**, **Vibrate**, or **Reminder** for missed call alerts.

Note: If Emergency Tone is set to **Alert** and the master volume is set to **Vibrate Only**, the phone will vibrate for emergency dialing. If the master volume is set to **Off**, the phone will not sound or vibrate for emergency dialing.

Keypad Volume

Adjust the volume played for keypad presses.

1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings > Keypad Volume**.
2. Press the **Directional Key** left or right to adjust the volume and press the **Center Select Key [Set]**.

Digit Dial Readout

Choose whether the numbers are read out when you dial.
1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings > Digit Dial Readout**.
2. Select **On** or **Off**, and press the **Center Select Key [Set]**.

Service Alerts

1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings > Service Alerts**.
2. Select one of the following options and press the **Center Select Key**.
   - **Minute Beep:** The phone will beep every minute during a call.
   - **Call Connect:** The phone will alert you when a call is connected.
   - **Roam Alert:** The phone will alert you when your phone is roaming.
3. Select **On** or **Off**, and press the **Center Select Key [Set]**.

Power On/Off

Enable or disable the sound played when you power on or off the phone.
1. Press the **Center Select Key [Menu] > Settings & Tools > Sounds Settings > Power on/off**.
2. Select **Power on** or **Power off**, and press the **Center Select Key**.
3. Select **On** or **Off**, and press the **Center Select Key [Set]**.

Display Settings

Personal Banner

Add your own personalized greeting or network status banner that displays on the idle screen.
1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Personal Banner**.
2. Enter the text and choose the text color for the personal banner displayed in home screen, then press the **Center Select Key [Save]**.

Backlight

Set the backlight duration for the display screen and keypad.
1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Backlight**.
2. Select one of the following options and press the **Center Select Key**.
   - **Display:** Select 3 Seconds, 10 Seconds, 20 Seconds, 30 Seconds, Always On or Power Save Mode as the backlight duration of display screen, and then press the **Center Select Key [Save]**.
   - **Keypad:** Select 3 Seconds, 10 Seconds, 20 Seconds, 30 Seconds, Always On or Always Off as the backlight duration of keypad, and then press the **Center Select Key [Save]**.

Note: Setting the backlight to Always On may drain the battery life.

Wallpaper

Choose wallpaper for the idle screen.
1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Wallpaper**.
2. Select **My Pictures** or **Fun Animations** and press the **Center Select Key**.

3. Select a picture and press the **Left Soft Key [Preview]** to view it. Press the **Center Select Key** to set it as wallpaper.

Display Themes

Choose different themes for the phone's menus.

1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Display Themes**.
2. Select **Neon** or **Rebirth** and press **Left Soft Key [Preview]** to preview the display theme. Press the **Center Select Key [Save]** to set the theme.

Note: The default display theme is **Neon**. Press the **Right Soft Key [Help]** to view the help information.

Dial Fonts

Set the font size in the dialer.

1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Dial Fonts**.
2. Select **Normal** or **Large Only** and press the **Center Select Key [Save]**.

Menu Font Size

Set the menu font size.

1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Menu Font Size**.
2. Select **Normal** or **Large** and press the **Center Select Key [Save]**.

Clock Format

Choose the clock type displayed in home screen.

1. Press the **Center Select Key [Menu] > Settings & Tools > Display Settings > Clock Format**.
2. Choose from the following options: **Digital 12**, **Digital 24**, or **Off**.
3. Press the **Left Soft Key [Preview]** to view the clock format. Press the **Center Select Key [Save]** to confirm the setting.

Phone Settings

Airplane Mode

When Airplane Mode is enabled, all wireless communications are disabled. You cannot use your phone to place or receive calls. But when you make an emergency call: 911, the phone will turn off Airplane Mode automatically and the outgoing call screen will display.

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Airplane Mode**.
2. Select **On** or **Off** and press the **Center Select Key [Save]**.

Setting Shortcuts

Setting My Shortcuts
1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Set Shortcuts > Set My Shortcuts**.
2. Select the shortcut you want to change and press the **Center Select Key [Set]**.
3. Select an application in the list for replacement and press the **Center Select Key**.
4. To reset shortcut(s), select a shortcut and press the **Right Soft Key [Options]** for the reset options.

- **Reset Shortcut 1, 2, 3** or **4:** Reset the selected shortcut.
- **Reset My Shortcuts:** Reset all shortcuts to default.

Using My Shortcuts
1. Press the **Directional Key** right in the home screen to open the **My Shortcuts** menu.
2. Select a shortcut and press the **Center Select Key** to access the function quickly.
3. To relocation a shortcut, press the **Right Soft Key [Move]** and use the **Directional Key** to move the shortcut. Press the **Center Select Key [Save]** to confirm. Press the **Left Soft Key [Settings]** to **Set My Shortcuts** or **Set Directional Keys**.

Setting Directional Keys
Assign a shortcut key (**Directional Key** left, up and down) to a favorite or often-used function.
1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Set Shortcuts > Set Directional Keys**.
2. Highlight a directional key and press the **Center Select Key [Set]**.
3. Select a function in the list for replacement and press the **Center Select Key**.
4. To reset directional key shortcut(s), press the **Right Soft Key [Options]** for the reset options.
   - **Reset up**, **Left** or **down Key:** Reset the selected directional key.
   - **Reset Directional Keys:** Reset all directional keys to default.

Language

Choose a phone language.
1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Language**.
2. Select a language and press the **Center Select Key [Save]**.

Location

This Global Positioning Service (GPS) location feature can identify your location to the network. You can set GPS to work only when you dial 911 from your phone.
1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Location**.
2. GPS location is on only when you dial 911. Press the **Center Select Key [OK]**.

Current Country

View your current location.
1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Current Country**.
2. Choose your current country and press the **Center Select Key [Save]**.
Note: To assure that your phone works properly while you travel to a different country, please verify the country of your current location so that the correct Country Code can be applied.

Phone Security

Lock your phone, set restrictions and other security options
Note: You will need to enter the phone lock code to enter this menu. The default lock code is the last 4 digits of your phone number.

Edit Phone Code
1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Phone Security**.
2. Enter the phone lock code and press the **Center Select Key**.

3. Select **Edit Phone Code** and press the **Center Select Key**.
4. Enter the new code and press the **Center Select Key**.
5. Re-enter the new code for confirmation and press the **Center Select Key**.

Phone Lock Setting

Phone locking keeps your phone from unauthorized use. The use of your phone is restricted once the phone is locked, but you can still make emergency calls.

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Phone Security**.
2. Enter the phone lock code and press the **Center Select Key**.
3. Select **Phone Lock Setting** and press the **Center Select Key**.
4. Select one of the following options and press the **Center Select Key [Save]**.
   - **Unlocked**: The phone is not locked whenever you power up the phone.
   - **on Power up**: You need to enter the phone lock code whenever you power up your phone.

Lock Phone Now

Lock your phone manually. For detailed information, see the "*Locking Your Phone*" chapter.

Restore Phone

Erase all user data permanently and reset all settings to factory defaults.

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Phone Security**.
2. Enter the phone lock code and press the **Center Select Key**.
3. Select **Restore Phone** and press the **Center Select Key**.
4. Select **Yes** and press the **Center Select Key**.
5. Follow the on-screen prompts and press the **Center Select Key** to restore the phone.

Global Data Settings

Enable or disable the data access for global roaming.

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > Global Data Settings**.
2. Select **Allow Access For All Trips**, **Allow Access Only For This Trip** or **Deny Data Roaming Access** and press the **Center Select Key**.

System Select

You don't need to set this option unless you want to change the system selection. Please contact your service provider for details.

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Settings > System Select**.
2. Select one of the following options and press the **Center Select Key [Save]**.
   - **Home Only:** Your phone is available for normal operation only in the home network.
   - **Automatic:** You can use your phone in the home or roaming network.

Call Settings

Answer Options

Select the method for answering incoming calls.

1. Press the **Center Select Key [Menu] > Settings & Tools > Call Settings > Answer Options**.
2. Select from the following options and press the **Center Select Key [Mark]**.
   - **Any Key:** Calls are answered when any key is pressed except the **End/Power Key**, **Left** and **Right Soft Keys** and **Volume Keys**.
   - **Auto with Handsfree:** Calls are answered automatically with 5 seconds delay.
3. Press the **Left Soft Key [Done]**.

Note: Auto with Handsfree is available when a headset is inserted into your phone.

Auto Retry

Set the length of time the phone waits before automatically redialing a number when the attempted call fails.
1. Press the **Center Select Key [Menu] > Settings & Tools > Call Settings > Auto Retry**.
2. Select **10, 30, 60 Seconds** or **Off** and press the **Center Select Key [Set]**.

TTY Mode

Your phone is a TTY compatible device. Simply connect the TTY device to the phone's headset jack.
1. Press the **Center Select Key [Menu] > Settings & Tools > Call Settings > TTY Mode**.
2. Select one of the following options and press the **Center Select Key [Set]**.
   - **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through TTY device.
   - **TTY + Talk:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.
   - **TTY + Hear:** 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 off:** Users who can hear and talk can disable TTY support.

One Touch Dial

Enable or disable the speed dial feature.
1. Press the **Center Select Key [Menu] > Settings & Tools > Call Settings > One Touch Dial**.
2. Select **On** or **Off** and press the **Center Select Key [Set]**.

DTMF Tones

Set the DTMF tones length.
1. Press the **Center Select Key [Menu] > Settings & Tools > Call Settings > DTMF Tones**.
2. Select **Normal** or **Long** and press the **Center Select Key [Set]**.

Hearing Aid Mode

Your phone supports HAC (Hearing Aid Compatibility) function. When you turn on the Hearing Aid Mode and use a hearing aid to answer the phone, it will help you hear more clearly during the phone call.
1. Press the **Center Select Key [Menu] > Settings & Tools > Call Settings > Hearing Aid Mode**.
2. Select **On** or **Off** and press the **Center Select Key [Set]**.

Memory

Save Options

Choose the default save location for pictures and sounds.

1. Press the **Center Select Key [Menu] > Settings & Tools > Memory > Save Options**.
2. Select **Pictures** or **Sounds** and press the **Center Select Key**.
3. Select **Phone Memory** or **Card Memory** and press the **Center Select Key [Set]**.

Phone Memory

View the phone memory usage information and manage the files stored in the phone. To move files to the microSD card, you need to insert the card to your phone first.

Note: The preloaded pictures, ringtones and sounds in your phone are not available for Phone Memory.

1. Press the **Center Select Key [Menu] > Settings & Tools > Memory > Phone Memory**.
2. Select one of the following menus and press the **Center Select Key**.
   - **Phone Memory Usage:** View the available, used or total phone memory and the phone memory usage for My Music, My ringtones, My sounds and My pictures.
   - **My Pictures:** View the pictures saved on your phone in My Pictures.
   - **My Ringtones:** View the ringtones saved on your phone in My Ringtones.
   - **My Music:** View the music files saved on your phone in My Music.
   - **My Sounds:** View the sounds saved on your phone in My Sounds.
   - **My Contacts:** View the contacts saved on your phone.
   - **Move All To Card:** Move all movable files on your phone to the microSD card.
3. Press the **Right Soft Key [Options]** to access more options.

Card Memory

View the microSD card memory usage information and manage the files stored in the card. Please insert the card to your phone first.
1. Press the **Center Select Key [Menu] > Settings & Tools > Memory > Card Memory**.
2. Select one of the following menus and press the **Center Select Key**.
   - **Card Memory Usage:** View the available, used or total card memory and the card memory usage for My Music, My sounds and My pictures.
   - **My Pictures:** View the pictures saved on the microSD card in My Pictures.
   - **My Music:** View the music files saved on the microSD card in My Music.
   - **My Sounds:** View the sounds saved on the microSD card in My Sounds.
   - **My Contacts:** View the contacts saved on the microSD card.
   - **Move All To Phone:** Move all movable files on the microSD card to your phone.
   - **Format:** Format the microSD card. All data in the card will be erased.
3. Press the **Right Soft Key [Options]** to access more options.

Card Lock

You can choose to lock or unlock the microSD card when it is inserted into your phone.
1. Press the **Center Select Key [Menu] > Settings & Tools > Memory > Card Lock**.
2. Select **On** or **Off** and press the **Center Select Key [Set]**.
Note: When the microSD card is locked, you cannot copy or move files to the microSD card.

Phone Info

1. Press the **Center Select Key [Menu] > Settings & Tools > Phone Info**.
2. Select one of the following menus and press the **Center Select Key**.
   - **My Number:** View the MDN and MIN information.
   - **SW/HW Version:** View Software version, PRL version, Browser version, HW version, MEID and Warranty date code.

- **Icon Glossary:** View the list of icons with a brief description.
- **Operating System:** View the information of the operating system.

For Your Safety

General Care

Your handset 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 handset, battery or accessories to come into contact with liquids or moisture at any time. Do not immerse it in any liquid.
- Do not place the handset alongside computer disks, credit cards, travel cards or other magnetic media. The information contained on the disks or cards may be affected by the handset.
- Do not paint the handset.
- Do not leave the handset or battery in places where the temperature could exceed 140 ˚F, e.g. on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do not remove the handset battery while the handset 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 batteries in fire. The handset's Li-ION batteries may be safely disposed of at a Li-ION recycling point. Follow local requirements for recycling.
- Do not put the handset's battery in your mouth, as battery electrolytes may be toxic if swallowed.
- Do not disassemble or crush, bend or deform, puncture, or shred.
- 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 by ZTE. 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, IEEE-Std-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 products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Do not put a battery into a microwave oven, dryer or high-pressure container.
- Use only authorized chargers.
- Do not puncture the battery with a sharp object such as a needle.
- When the battery is disposed, be sure it is non-conducting by applying vinyl tape to the (+) and (-) terminals.
- Do not drop, throw, or subject the handset to rough treatment.
- Stop using the battery if abnormal heat, odor, discoloration, deformation, or abnormal condition is detected during use, charge or storage.
- Do not use your handset with a damaged or deformed battery.
- Do not solder the battery directly.
- Remove the battery whose life cycle has expired from equipment immediately.
- The earpiece may become warm during normal use. Also, the handset itself may become warm while the battery is being charged.
- When a handset is in vibration mode, the vibration may cause the handset to move.

- Be careful not to place the handset near heat sources (such as a heater).
- Use a damp or anti-static cloth to clean the handset. Do not use an ordinary dry cloth or electrostatic cloth. Do not use chemical or abrasive cleaners as these could damage the casing.
- Third party equipment: The use of third party equipment, cables, or accessories, not made or authorized by ZTE, may invalidate the warranty of your phone and also adversely affect the phone's safety and operation.
- Remember to make backup copies of all important data on your handset.
- Remember to recycle: The cardboard packing supplied with this handset is ideal for recycling.

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

Aircraft Safety
- Switch off your phone or activate the airplane mode when inside or near an aircraft. Use of handsets in an aircraft may be dangerous to the operation of the aircraft and may disrupt the cellular network. Failure to observe this instruction may lead to suspension or denial of phone service to the offender, or legal action, or both.
- Airplane mode allows you to use many of your phone's features, such as calculator, voice memos, and many others when you are in an airplane or other area where wireless signals may cause interference. In the airplane mode, you are prohibited from making or receiving calls.

Hospital Safety
- Switch off your phone and remove its battery in areas where handset use is prohibited.
- Follow the instructions given by any respective medical facility regarding the use of cellular handsets on their premises.

General Guidelines
- Many jurisdictions have laws and regulations about taking pictures in public or private areas regarding the processing and further use of such pictures. ZTE encourages its customers to obey all laws and to honor the personal rights of others.
- Check the roaming agreement availability with your network operator.
- The use of mobile phones is not allowed in some radiation sensitive areas, such as hospitals, research centers, and airplanes. The user is responsible for powering off the device. If there is any uncertainty, the battery should be removed.
- Observe any signs that indicate powering off your handset, such as those near gas stations or explosives.
- If you have a heart condition, be careful with the setting of call vibration or tone volume. 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.
- Do not allow children to play with the handset, charger or batteries.
- The operation of some medical electronic devices, such as hearing aids and pacemakers, may be affected if a handset is used next to them. Observe any caution signs and the manufacturer's recommendations.
- Take care not to put your phone in the back pocket of your pants and then sit on the phone. Also, do not put your phone at the bottom of a bag where it may be subject to excessive weight or pressure as this may damage the LCD and cause them to malfunction.
- The phone contains metal and may cause a reaction for overly sensitive skin types.
- Do not leave the phone discharged or without a battery for a long period of time. Otherwise some data may be erased.

Road Safety

- You must exercise proper control of your vehicle at all times. Give your full attention to driving.
- Observe all of the recommendations contained in your local traffic safety documentation.
- 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 cellular phones while driving.
- You must not stop on the hard shoulder of a motorway to answer or make a call, except in emergency situations.
- Switch off your handset 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 handset.
- Electronic systems in a vehicle, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment may advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems caused by the radio transmitter in the handset, consult your dealer and do not switch on the handset until your handset 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, not made or authorized by ZTE, may invalidate the warranty of the handset and also adversely affect the handset's operation. For example, use only the ZTE charger supplied with the handset.

Efficient Use

For optimum performance with minimum power consumption, do not cover the antenna area (It's on the bottom of your phone when you are holding it) with your hand. Covering the antenna affects the call quality, may cause the handset to operate at higher power levels than needed, and may shorten talk and standby times.

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 1.23 W/kg and when worn on the body, as described in this user guide, is 1.00 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 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-ZTECF451

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.

Emergency Services

To make an emergency call in any country:

1. Ensure your phone is **ON** and in service. Press the **Center Select Key** to unlock the phone.
2. Press the **End/Power Key** as many times as needed to clear the display and ready the device for calls.
3. Enter a local emergency number, i.e., 911.
4. Press the **Send Key** to dial the number. Follow instructions received and do not end the call until told to do so.

IMPORTANT: Tell the operator which service you require: Police, Ambulance, Fire Engine, Coastguard or Mountain Rescue Service. Give your position, and if possible, remain stationary and maintain contact. Due to the nature of the cellular system, the connection of emergency calls cannot be guaranteed. You should never rely on any wireless device for essential communication such as medical emergencies.

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.

Using Your Phone With a Hearing Aid Device

Your F451 device is compliant with the FCC Hearing Aid Compatibility (HAC) requirements. For additional HAC information, including the HAC rating of this product, please refer to www.zteusa-support.com.

When 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. Your F451 has been tested for hearing aid device compatibility and has an M4 and/or T3 rating.

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.

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.) The more immune your hearing aid device is, the less likely you are to experience interference noise from your wireless phone.

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.

Turning on the HAC Setting

When the HAC setting is on, your F451 sends the audio from your phone calls to the telecoil rather than to the microphone of your hearing aid. You are likely to hear calls much better because volume is increased and background noise and feedback are diminished. The HAC setting improves only the calls you listen to through the earpiece. It does not affect calls heard on the speakerphone or with a headset. It's better to turn off the Bluetooth function when the HAC setting is on. HAC requires extra battery power, so watch your battery consumption when it's turned on.

CAUTION: Do not turn on the HAC setting 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.

IC Notice

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe Best conforme à la norme NMB-003 du Canada. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. The County Code Selection feature is disabled for products marketed in the US/Canada.

IC: 5200A-ZTECF451

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