

ZTE Corporation

D90 CDMA 1X EVDO Mobile Phone
User Manual

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Limited Warranty

We, at ZTE, undertake to repair/replace any defective components/subsystems of this product, subject to the warranty terms given below.

- The warranty period will be 12 months from the date of purchase and defects arising out of defective material and/or poor workmanship will be rectified free of cost to the original end user during the said period.
- The limited warranty extends only to the original end user of the product and is not assignable or transferable to any subsequent purchaser/end user.
- The defective unit along with the warranty card/sales receipt or a TELUS warranty validation certificate must be brought or sent to the TELUS dealer by the buyer at his/her own expense, during normal working hours.
- Any defect arising due to misuse of the unit or normal wear and tear will not be covered by this warranty. This includes all plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.
- The warranty is void if the unit is tampered with, altered or repaired by unauthorized persons. Any use of non-approved accessories shall void the warranty.
- The warranty is void if the serial number of the unit is deleted, defaced or altered rendering it difficult to identify the instrument.
- There are no customer serviceable parts inside the unit and therefore the unit should not be opened by the user or any person other than the authorized service personnel. The warranty is void if the warranty seal on the unit is broken.
- Damages caused to the unit, by power fluctuations, accidents, lightning or any other acts of God are not covered by this warranty.
- Whether defective items or components are to be replaced or repaired shall be left to the sole discretion of ZTE. In case of replacement of a part, the defective part removed from the unit becomes the property of ZTE.

EXCLUSION OF LIABILITY:

NO OTHER EXPRESS WARRANTY IS APPLICABLE TO THIS PRODUCT. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, ZTE IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. ZTE SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY APPLICABLE TO THIS PRODUCT.

HOW TO GET WARRANTY SERVICE:

To obtain warranty service, contact or return to your original place of purchase, or you may call ZTE directly via the following telephone number from anywhere in Canada:

1-866-ZTE-3838 (1-866-983-3838)

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1. 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** place anything inside the folded handset.
- Do **NOT** paint the handset.
- Do **NOT** leave the handset or battery in places where the temperature could exceed 60°C, e.g. on a car dashboard or a windowsill, behind glass in direct sunlight, etc.
- Do **NOT** remove the 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 battery packs in fire. The handset's Li-ION batteries may be safely disposed of at a Li-ION recycling point.
- Do **NOT** put the handset's battery in your mouth, as battery electrolytes may be toxic if swallowed.
- Do **NOT** attempt to dismantle the handset or any of its accessories.
- This equipment is fitted with an internal battery that can only be replaced by a qualified service engineer.
- There is risk of explosion if the battery is replaced with an incorrect battery type. Dispose of the used battery in accordance with the manufacturer's instructions.
- Do **NOT** put a battery into a microwave oven, dryer or high-pressure container.

- Do **NOT** contact battery directly into an electric outlet or cigarette lighter changer. Use only authorized charger units.
- Do **NOT** pierce the battery with a sharp object such as a needle.
- When the battery is thrown away, be sure it is non-conducting by applying vinyl tape to the (+) and (-) terminals.
- Do **NOT** disassemble or modify the battery.
- Do **NOT** drop, throw, or subject the handset to rough treatment.
- Stop using the battery if abnormal heat, odour, discolouration, deformation, or abnormal condition is detected during use, charge or storage.
- 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.
- Do **NOT** use 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 D90 handset to move.
- Be careful not to place the handset near heat sources (such as a heater) or too close to the edge of the table.
- 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.

General Safety

- In some countries national law prohibits private copying of copyrighted material. Check the national legislation of the applicable country concerning the use of such material.
- Many jurisdictions have laws and regulations about taking pictures in public or private areas regarding the processing and further use of such pictures. ZTE encourages its customers to obey all laws and to honour 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 to power-off the device. If there is any uncertainty, the battery shall be removed.
- Observe any signs that indicate to power off your handset, such as those near gas stations, or explosives and power off the handset/device upon them.
- If you have a heart condition, be careful with the setting of call vibration or tone volume.
- Do **NOT** allow children to play with the handset, charger or batteries.
- Do **NOT** use the handset where blasting is in progress.
- 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 and this may damage the LCD and camera lens and cause them to malfunction.

- Your phone contains metal, which may cause you to develop an itch, rash or eczema depending on your physical condition.
- Do **NOT** leave the battery pack empty or disconnected for a long period of time. Otherwise some data may be erased.

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 games, calculator, voice memos, and many others when you are in an airplane or other area where RF signals may cause interference. In the airplane mode, you are prohibited from making or receiving voice/data calls, however you may still make calls to your local emergency number.

To enable the airplane mode, select **Menu**→**Settings** from the standby mode. Highlight **Airplane Mode: OFF** and press **Select** to enable **Airplane Mode**.

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.

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 refuelling point, such as a gas station, even if you are not refuelling your own car.
- Do **NOT** store or carry flammable or explosive materials in the same compartment as the handset.
- Electronic systems in vehicle, such as anti-lock brakes, speed control and fuel injection systems are not normally affected by radio transmissions. The manufacturer of such equipment may advise if it is adequately shielded from radio transmissions. If you suspect vehicle problems caused by the radio transmitter in 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 Air Bag

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 (below the mouthpiece of your phone) 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

Your handset is a low-power radio transmitter and receiver. When it is turned on, it intermittently receives and transmits Radio Frequency (RF) energy in radio waves to handle and control the power level at which the handset transmits.

Emergency Services

To make an emergency call in any country:

1. Ensure your handset is **ON** and in service.
2. Press the **End** key as many times as needed to clear the display and ready the device for calls.
3. Enter a local emergency number.
4. Press the **Send** key to dial the number. Follow instructions received and do **NOT** end the call until told to do so.

When the dial lock function is on, press the Right soft key and then enter a local emergency number. Press the **Send** key or **OK** key to dial the number.

Note: Tell the operator which service you require: Police, Ambulance, Fire truck, 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 like medical emergencies.

Certification Information

***Specific Absorption Rate (SAR) for wireless phone:**

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It 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. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

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 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public in the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model.

The highest SAR values, as reported to the FCC for this model phone, when tested for use at the ear are 0.97w/kg for Cellular 850MHz and 0.85w/kg for PCS 1900MHz. And when worn on the body, are 0.29w/kg for Cellular 850MHz and 0.34w/kg for PCS 1900MHz. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement. For body-worn operation, this model has been tested and meets the FCC RF exposure guidelines when used with the ZTE accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones and at various positions. In all cases, products are designed to be within the guidelines.

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. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web site: <http://www.phonefacts.net> or the Canadian Wireless Telecommunications Association (CWTA) web site: <http://www.cwta.ca>.

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6watts/kg (w/kg) average over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

***UL Certified Travel Adaptor:**

The travel adaptor for this phone passed the UL60950, safety requirements. Please follow the safety guidelines when using the Adaptor.

Copyright Notice

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

2. Introduction

Overview

Thank you for purchasing of the ZTE D90 Mobile Phone. The ZTE D90 is capable of making voice calls and data connections to CDMA 1x and high-speed EVDO networks. This phone provides many functions which are practical for daily use, including a camera, MP3 player, video recorder, wireless internet browser, etc. It can also be connected to a PC for use as a data modem and paired with Bluetooth wireless devices and accessories. With the FASTAP™ keypad, you can access applications with dedicated hotkeys, and enter text quickly for E-mail, instant messaging, Short Message Service (SMS) and Multimedia Messaging Service (MMS).

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

What's included

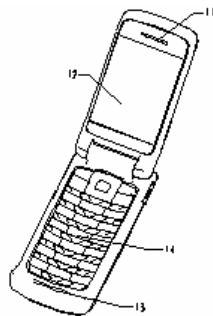
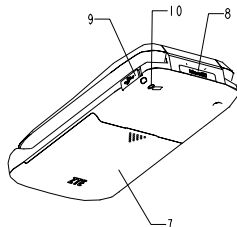
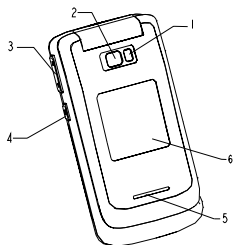
Your ZTE D90 Mobile Phone package contains the following components. Check the box carefully to ensure all items are present.

- ZTE D90 Handset
- Battery and Battery Door
- Stereo Headphones with in-line music remote control
- User Manual
- AC Power Adapter

ZTE D90 Technical Specifications

Handset Type	ZTE D90
Keypad	FASTAP™
Dimensions (W x L x H)	50 mm x 99 mm x 18 mm
Weight	105 g (including battery)
Continuous Standby Time	140 hours max. (subject to network conditions)
Continuous Talk Time	2 hours min. (subject to network conditions)
Charge Time	Approximately 3 hours
AC Charger Input	100-240V, 50/60Hz, 200mA
AC Charger Output	5.0V, 700mA max.

Phone at a glance



- [1] Camera Flash
- [2] Camera Lens
- [3] Volume Key
- [4] Camera Key
- [5] Loudspeaker
- [6] Outer Display
- [7] Battery Door

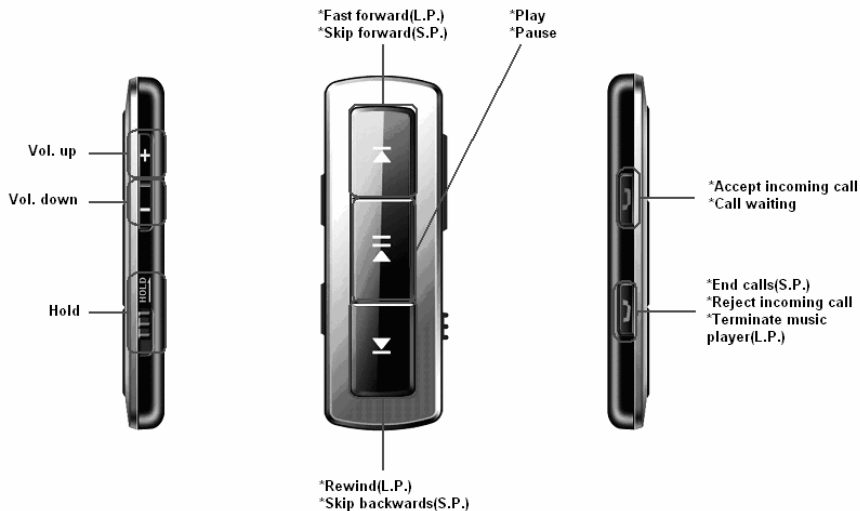
- [8] MicroSD Memory Card Slot
- [9] USB Charger/Headset Port
- [10] Strap Holder
- [11] Earpiece
- [12] Inner Main Display
- [13] Microphone
- [14] Keypad

Music Remote Control

Your handset includes a music remote control to control music and voice call functions while the handset is closed. You may connect the music control box to your handset as shown in the following picture.

- [1] USB Connector
- [2] Music Control Box
- [3] Microphone with clip
- [4] Stereo Earbuds





Supported functions

Left Side Keys

Hold: This button locks all the functions of the keypad to avoid accidental key presses. The remote control can still accept incoming calls or switch between call waiting parties when Hold is on.

Vol. up / Vol. down: Adjusts the volume during calls or while playing music

Front Keys

Play / Pause

Fast forward (long press) / Skip forward (short press)

Rewind (long press) / Skip backwards (short press)

Right side keys

Send: Accept incoming calls and switch between calls with a short press.

End: End calls and reject incoming calls with a short-press. A long press will terminate the music player.

Tip: Hold the play button down to launch the TELUS mobile music player.

Key Definitions



Left Soft Key – Executes prompts that appear in the lower-left corner of the screen, directly above the button. These prompts change according to the screen content.



Right Soft Key – Executes prompts that appear in the lower-right corner of the screen, directly above the button. These prompts change according to the screen content.



Send Key – Makes and answers calls. This button displays the outgoing call logs when pressed in standby mode.



End Key – Ends calls and closes applications. Holding this key down for more than 3 seconds in standby mode will power off the handset.



Navigation Keys - These keys allow for navigation through menu options. Use for quick access to Messaging (up), Wireless Web (left), Messenger (IM) (right) and All Calls History (down) when in standby mode.



OK Key – Confirms actions and makes selections. This key also



executes prompts that appear on the lower-middle button on the screen, which are directly above the key. These prompts change according to screen content.

0-9 Number Keys – These keys are used for entering numbers, speed dialing, and selecting options when navigating menus.

and * Keys – These keys have different functions, depending on the mode or function menu.

A – Z Keys – Inputs alphabetical characters

Camera Key – Holding this key for 1 second will launch the camera function, when the flip is open. This button captures images once the phone is in the camera application.

Volume Key – Adjust volume during the call. Short pressing this key from the standby mode changes the master volume by one step, and long pressing adjusts the master volume by multiple steps.

Symbol Key – Inputs the symbols on the key. Holding this button for 3 seconds will open a list of all available symbols.

Shift Key – Switches between uppercase and lowercase lettering.

Blank Key – Inputs a blank when entering text. Holding this key for 3 seconds or double click the key will create a new line.

Back Key – Deletes characters during text entry. This key returns to the previous page during menu navigation and web browsing.

Speaker Key – Activates and de-activates the speakerphone function during voice calls.

Music Key – Activates the TELUS mobile music application for downloading and listening to music files.

FASTAP™ Shortcut Key Definitions

The letter keys on your FASTAP™ handset allow you to quickly and conveniently access a variety of applications directly from standby mode. To access an application, simply press and hold the desired shortcut button. After approximately 2 seconds the application will launch automatically. The following is a listing of pre-defined shortcut keys.

A	My Albums	N	New Message
B	Bluetooth	O	Empty
C	Calendar	P	Music Player
D	Downloads	Q	Empty
E	E-mail	R	Ringtones
F	Empty	S	SPARK
G	Navigator (GPS)	T	TV
H	Call History	U	Empty
I	Inbox	V	Video
J	Empty	W	Wireless Web
K	Empty	X	Radio
L	My Music List	Y	Airplane Mode
M	Messenger (IM)	Z	World Clock

Create your own Fastap™ Shortcut Keys

You are able to assign a shortcut to your favourite and most frequently used applications, services and phone features, as well as contacts from your Contacts list.

To create a new shortcut or modify an existing one:

1. Press **New** on the left soft key from standby mode and select **Shortcut**
2. Highlight the desired shortcut letter and press **Select**.

3. A list will appear with all the functions available for the shortcut key. Scroll to the function you want to assign to the key, and press **OK** to confirm.

After setting the shortcut, you can access the assigned application it by holding the corresponding key in standby mode.

Indicators and Icons



Signal strength indicator



Call in progress



Battery status indicator



New MMS message indicator



New web message indicator



New voice and web message indicator



Ringer is On



Vibration alert mode



Roaming indicator



1X data service indicator



Data communication in progress



Schedule



TTY



Removable memory card



No service available



Bluetooth headset is available



New SMS indicator



New MMS and SMS indicator



New voice message indicator



Music player indicator



Ringer is Off



Alarm indicator



Bluetooth service indicator



EVDO data service indicator



Data communication dormant



SSL-2



Airplane mode is active



GPS service available icon

3. Getting Started

This chapter outlines the steps required to set up your phone. Follow the procedure below to get started.

Battery

Always switch off the power and disconnect the charger before removing the battery. Avoid touching electronic components on the battery and inside the battery compartment.

Installing the Battery

1. Insert the top of the battery under the plastic retainer clip. The + and – terminals on the battery should line up with the metallic contacts in the battery compartment.
2. Push down on the bottom section of the battery until it clicks into place. It should be aligned with the bottom of the phone.
3. Replace the battery door so that it covers the entire battery. Slide the cover upwards until it locks into position. Make sure the battery door is secure.

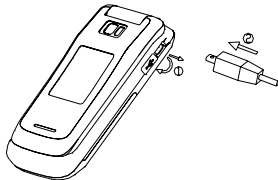
Charging the Battery

Your phone is powered by a rechargeable battery. The battery is not fully charged when you purchase your phone, but there may be enough power in the battery to turn the phone on. Charge the battery with the procedure indicated below.

Note: For maximum battery performance, it is recommended that you completely charge the battery before using the phone for the first time. A new battery's full performance is achieved only after three complete charge and discharge cycles.

1. Plug the charger into a standard AC outlet.
2. Pull the rubber USB cover away from the USB port and rotate it 90 degrees.

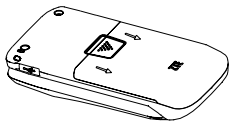
3. Insert the charger's USB adapter into the USB port. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into the USB port.



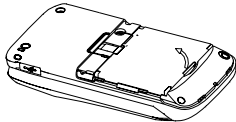
Removing the Battery

If for any reason you need to remove your phone's battery, follow the procedure indicated below:

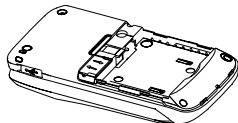
1. Slide the back cover toward the bottom of the phone and lift off the battery door.
2. Lift the bottom of the battery away from the handset using the finger grip slot located at the bottom of the battery.
3. Remove the battery from the housing.



(1)



(2)



(3)

Memory Card

Your phone allows you to use a MicroSD memory card to expand the phone's available memory space. This digital card allows you to easily exchange images, music and voice data quickly between SD compatible devices.

Inserting the MicroSD Memory Card

1. Open the rubber MicroSD access door located on the top of the phone and rotate it 90 degrees.
2. Firmly insert the MicroSD card into the slot until it clicks into place.
3. Close the rubber memory card access door.

Warning: Only use ZTE approved memory cards for this device. Any use of non-approved memory cards may cause loss of data or damage to your phone.

Note: Make sure your battery is fully charged before using your memory card. Your data may become corrupted or unusable if the battery dies while reading or writing to the memory card.

Removing the MicroSD Memory Card

1. Open the rubber MicroSD access door located on the top of the phone and rotate it 90 degrees.
2. Push the memory card downwards to release it from the slot.
3. Pull the memory card completely out of the MicroSD slot on the handset.
4. Close the rubber memory card access door.

Note: Do not remove the memory card while reading or writing to the card. Doing so may cause data corruption on the card or phone. If possible, insert and remove the memory card while the phone is powered off.

Powering On/Off your Phone

To power on the phone, press and hold the **End** key for at least 3 seconds. If the handset lock code has been activated, the phone will prompt to enter the code. The default password is 1234. Once you have activated your handset, the lock code will be the last 4 digits of your phone number.

To power off the phone, press and hold the **End** key for at least 3 seconds from standby mode.

Warning: Do not power the phone on when wireless phone use is prohibited, or when it may cause interference or danger.

Unlocking Your Phone

By setting the handset lock code, you can protect your phone against unauthorized use. To unlock the phone, enter the handset lock code and then press the **OK** key.

Note: If you forget your handset lock code, contact your service provider.

Connecting to the Network



After your phone is unlocked, it will automatically search for the network. When the phone has successfully registered on the network, the network service provider's name will appear on the display as shown below.

4. Basic Operations

Making Voice Calls

Note: Your phone has an internal antenna located below the mouthpiece. Do not touch the area around the antenna unnecessarily when the phone is powered on. Doing so may affect call quality and power consumption.

Using the Keypad

1. Enter a phone number including the full area code by using the numeric keypad. If an incorrect character is entered, use the **Back** key to delete the digit. Holding the **Back** key will erase all digits before the cursor.
2. Press the **Send** key to make the voice call.
3. Press the **End** key to end the call, or to cancel the call attempt.

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 list

You can also make a call by choosing a record from your Contacts. To make a call from the contact list:

1. In the standby mode, press **Contacts** to display your contact list.
2. Scroll to the desired entry and press the **Send** key to make a call. If there are multiple numbers for a contact, scroll to the desired number and press **OK**.
3. Press the **End** key to end the call, or to cancel the call attempt.

Using the last number dialed

Your phone can re-dial the last number that was called. To dial the last number:

1. Press the **Send** key from standby mode. This will display a list of all calls that have been placed by the phone.
2. Press the **Send** key again to dial the first entry.
3. Press the **End** key to end the call, or to cancel the call attempt.

Using a number from the Call History

Generally, all calls you have made or received are saved in a list on the phone. All numbers are grouped into Outgoing Calls, Incoming Calls, and Missed Calls. To dial a number from your call history:

1. Select **Menu**→**Call History** from standby mode.
2. Navigate through the menu and press **OK** to select Incoming, Outgoing or Missed calls.
3. Select the phone number you want to dial from the list and press the **Send** key to place the call.
4. Press the **End** key to end the call, or to cancel the call attempt.

Using your FASTAP™ keypad

Your phone has a FASTAP™ keypad that allows you to place calls by entering a name from your contact list. To make a call with the FASTAP™ keypad:

1. In standby mode, use the letter and space keys to enter the full name of the contact you wish to call.
2. Press the **Send** key. The phone will automatically search through your contacts and select the contact you entered. If there are multiple numbers associated to the contact, use the **Up/Down** keys to select the desired number.
3. Press the **Send** key again to dial the highlighted number.
4. Press the **End** key to end the call, or to cancel the call attempt.

Note: The FASTAP™ keypad only supports English alphabetical characters and spaces. French and other special characters are not recognized by the FASTAP™ keypad. The first character of the contact name cannot be a space.

Using Letter Dialing

With FASTAP™ you can dial a phone number using number and letter keys.

1. For example, using the Fastap™ keypad type 1-800-OCANADA and press **Send**.
2. Watch the phone screen closely: The phone automatically converts the letters to the correct numbers.

Using Speed Dials

Your phone is capable of storing 9 Speed Dial numbers that can be quickly dialed from standby mode. Among the 9 numbers the 1 is assigned to Voice Mail function. To use the Speed Dialing feature:

1. Press and hold the number key for the Speed Dial entry you would like to call. The call will be connected automatically.
2. Press the **End** key to end the call, or to cancel the call attempt.

Note: If you have not already assigned a Speed Dial to the selected key, the phone will prompt that no Speed Dial has been assigned. You may click **Yes** to add a Speed Dial immediately. For more information on creating Speed Dials, refer to section 6 in this manual.

Using Voice Dials

Your phone is capable of dialing phone numbers based on your voice commands. To dial a contact using your voice:

1. Press and hold the **Send** button from standby mode.
2. When prompted, say the name of the desired contact.

3. The phone will locate the contact associated to your voice entry and display it on the screen. Press **Yes** to call the contact.
4. Press the **End** key to end the call, or to cancel the call attempt.

Note: See section 6 – Voice Dials, for more information and instructions on adding voice tags to contacts.

Answering Voice Calls

When you receive a call, the ringtone, illumination or vibration function will be activated, depending on your current settings. If the Caller ID function has been activated by the caller, the caller's phone number will be displayed. If the calling party selects that their phone number is hidden, your phone will show that the phone number has been withheld. You can answer a call by opening the front flip. Press the **End** key or close the phone's flip to disconnect from a call.

Note: You may change the default setting for answering incoming calls. Navigate to **Menu**→**Settings**→**Others**→**Call Setup**→**Call Answer** to enable answering with the **Send** key or any key.

If your phone is connected to the stereo headphones with music remote controls, or a compatible Bluetooth headset, you can answer the call by pressing the **Send/End** key, or by opening the flip.

To reject a call, you can press the **Reject** button, located on the Right Soft Key. You can also disable the ringer by pressing the **Silent** button that is located on the Left Soft key.

In-Call Features

Volume

The earpiece volume can be changed by selecting **Volume**, located on the OK Key. The **Up/Down** buttons on the navigation key can then be used to increase/decrease the volume.

You can also use the volume keys located on the side of the phone to adjust the volume level.

Mute

You can mute your voice during the call by pressing the **Mute** button, located on the right soft key. Pressing the **Unmute** button will allow the caller to hear your voice again.

Speakerphone

Your phone has a speakerphone function that allows you to talk hands-free with the use of the phone's external speakers. To use the speakerphone, press the **Speaker** button on the keypad. Press the **Speaker** button again to return to the standard call mode.

Advanced Features

To enter the advanced in-call features, press the **Options** button located on the left soft key. You may select the following from this menu:

1. **Call the Third Party:** Calls another number to activate the 3-way calling feature.
2. **Message:** Switches to the Message interface during a call.
3. **Contacts:** Switches to the Contacts interface during a call.
4. **DTMF Off/On:** Enables and disables sending DTMF tones. This feature is used to send numbers for communicating with automated voice systems, such as telephone banking.

Note: The 3-way calling feature requires network support and may result in additional charges. Contact your service provider for more information.

Three-Way Call

Your phone has a three-way calling feature, which enables you to have conference calls with two parties. You can activate this function by following the procedure below:

1. Once a voice call has been established with Party A, press the **Options** button and

select **Call the Third Party**.

2. The dialing window will appear. Enter the phone number of Party B and press **Send**.
3. When the Party B answers the call, you will be connected with Party B only. Party A will remain on hold.
4. To activate the three-way call, press the **Send** button again. You will be able to converse with both parties simultaneously.
5. Press the **Send** button again to end the call with the Party B. You may press the **End** key to end both calls.

Call Waiting

Your phone can accept phone calls while another call is active. You can manage the phone's call waiting feature as follows:








1. If you receive a call during an active conversation, the phone will prompt that there is an incoming call and allow you to accept or reject the call.
2. Press **Yes** on the left soft key to accept the call.
3. After accepting the call, you will be connected with the second caller, while the first party is put on hold. You may switch between callers by pressing the **Send** button again, or by selecting **Options**→**Swap**.
4. Press the **End** button to disconnect from the active caller.






Note: When the End button is pressed both the active and holding user will be disconnected. If the holding user remains on the call your phone will ring again. You may accept or reject the call.

5. Entering Text

Your phone has a FASTAP™ keypad which provides a convenient way to enter words, letters, punctuation, symbols and numbers in a variety of phone screens, such as messaging, contacts, scheduler and many more.





Key Functions

Key	Function	Description
	Left soft key	Executes prompts that appear in the lower-left corner of the screen, directly above the button
	Right soft key	Executes prompts that appear in the lower-right corner of the screen, directly above the button
	OK key	Confirms actions and makes selections. This key also executes prompts that appear on the lower-middle button on the screen, directly above the key.
	Up/Down keys	Moves the cursor up and down during text editing
	Left/Right keys	Moves the cursor left and right during text editing
	# key	Switches between eZiEnglish and standard text entry modes
	Shift key	Switches between uppercase and lowercase lettering
	End key	Exits

	0-9 keys	Enters characters 0-9
	A-Z keys	Enters characters A-Z
	Symbol key	Inputs symbols
	Back key	Deletes the previous character during text editing. Long pressing the Back key erases all text.
	Blank key	Inputs a blank character. Holding the key for 3 seconds or double click the key will create a new line.

Text Input Modes

During text entry, press the **#** key to switch between standard text entry and the eZiEnglish mode for predictive text entry. You may press the **Shift** button to switch between uppercase and lowercase lettering. The current mode is indicated in the top-right section of the display.

Display Symbol	Text Entry Mode
	Lowercase Alpha mode
	Uppercase Alpha mode
	Lowercase eZiEnglish predictive text mode
	Uppercase eZiEnglish predictive text mode

Alpha Mode

In Alpha(abc) mode, the alphabet keys from A to Z are used to enter text. To enter symbols, press the **Symbol** key.

eZiEnglish Mode

eZiEnglish mode is based on eZiType™, a professional text input product for advanced mobile e-mail handsets. With eZiType, business users can write fast, professional communications with confidence as there is no need to manually spot and correct typos. Key features are:

- full word prediction – saves key presses during text entry
- auto-correction – corrects common misspellings and keyboard difficulties
- passive learning of user vocabulary – remembers new words and slang easily
- next word prediction - predicts words from past writing patterns
- phrase prediction - saves common word groups for speedy typing

To write a desired word, begin entering letters with the keys A to Z. After part of the word has been entered, a dropdown list will be displayed with the most commonly used words containing the letters you have input.



As you enter more letters, the words in the predictive dictionary will be modified to reflect your current text. At any time, you may scroll down the list with the **Up/Down** keys and select a desired word by pressing **Select**. The complete word will be displayed in the editing window.

To switch to uppercase or lowercase lettering, press the **Shift** key. You may press the **Symbol** key to enter punctuation.

Note: When composing sentences, after a period is entered a blank will be inserted and the first letter of the new sentence will be capitalized automatically.

Note: You may enter French characters in **eZiEnglish** mode or in both **àbc** and **eZiFrench** mode when your handset language is set to French. To change to French navigate to **Menu**→ **Settings**→**Other**→**Language** and select **Français**.

6. Contacts



Your phone has an address book capable of storing 500 contacts containing phone numbers, E-mail addresses, URLs and many other fields. To enter the contacts list from the standby mode, select **Menu**→**Contacts**.

This menu allows you to save and manage contact address information. In Contacts, you can add a new address, or search saved contact addresses by name. You can also add a personal ringtone or photo to a contact card.

Note: To quickly access the Contacts menu, press the right soft key named **Contacts** from standby mode.

List Entries

Select List Entries to view the listing of all contacts stored on your phone. You may scroll up or down the list using the **Up/Down** button, and press **OK** to view the desired contact information. Pressing the **Options** key will display the following pop-up menu:

1. **New Entry:** Add a new contact.
2. **Send Message:** Send a message to the contact.
3. **Send Bus. Card:** Send the name, numbers and e-mail addresses of the record via Bluetooth to another Bluetooth compatible mobile phone.
4. **Add Digits:** Switch to number input mode to modify the selected number before dialing.
5. **Dial 1+Number:** Add 1 as a prefix for long distance dialing, and make a call to the number.

6. **Delete:** Delete the selected record.
 7. **Groups:** Display the groups interface.
 8. **Set Speed Dial:** Assign the current number to one of the Speed Dial dialing keys. Speed dialing allows you to press and hold a number key in standby mode to call the stored phone number.
 9. **Delete All:** Delete all records.
1. **Memory Info:** View the amount of Used, Available and Total records information. You may also search for a contact from the List Entries screen. Use the FASTAP™ keypad to type the name of the desired contact. Your input will be displayed at the bottom of the contact list. The phone will automatically scroll to the name that most closely matches your input. Press the **End** key to exit the List Entries menu.

New Entry

The New Entry menu allows you to add a new contact record. The following information can be stored for each contact:

1. **Name:** Contact name.
2. **Mobile:** Mobile phone number.
3. **Home:** Home phone number.
4. **Office:** Office phone number.
5. **E-mail1/E-mail2:** E-mail addresses.
6. **Short Code:** Short code number for SMS/MMS addressing.
7. **Address:** Business or home address.
8. **URL:** Webpage address for the contact.
9. **Groups:** Contact group (ie. Family, Business, VIP, etc.)

10. **Ringtone:** Ringtone to be played when receiving calls from the contact.
11. **Image:** Image to be displayed when receiving calls from the contact.
12. **Notes:** Other information about the contact.

Press the **OK** key to save the contact information. Press the **End** key to exit from the New Entry interface.

Note: You may enter any of the contact information above; however, the Name and one phone number or one E-mail address must be entered in order to save the contact.

Groups

The Groups menu allows you to add contacts to any of the five caller groups. The default groups are Family, Business, Friends, VIP and Unclassified. If the contact isn't appointed to any group, the contact will automatically be stored in the unclassified group. The following are available from the Groups menu:

1. **Edit:** Rename the selected group
2. **Send:** Switch to the contacts list for the desired group. You can mark recipients from the group to whom you can send an MMS or SMS message.
3. **Select:** Switch to the contacts list of the current group

Voice Dials

The Voice Dials menu allows you to view the list of numbers programmed with voice dialing, or add a voice command to a number already stored in your contacts. The **Options** button presents the following selections:

1. **New Entry:** Add a new Voice Dial to a contact
2. **Re-Record:** Record the Voice Dial entry again
3. **Delete:** Delete the selected voice tag

4. **Delete All:** Delete all voice tags

Shortcut: In standby mode, press and hold the **Send** key to activate the voice dialing option. The phone will prompt for you to say the name that you wish to dial.

Speed Dials

The Speed Dials menu allows you to view the current list of speed dials and add new entries. Use the **Up/Down** button to navigate to a desired Speed Dial number.

For Speed Dial numbers that are already assigned, click **View** to see the contact name and phone number. You may also select **Dial** to call the contact, or **Clear** to remove the contact from the speed dials list.

To add a new Speed Dial, navigate an empty Speed Dial number and press the **List** key.

The contact list will be displayed. Navigate to the desired contact and press the **Select** key to add the contact to the Speed Dial list.

7. Call History



Your phone has a call log feature that automatically stores information about incoming, outgoing and missed calls. To enter the call log from standby mode, select **Menu**→**Call History**.

You may navigate through the Calls interface with the **Up/Down** button and press **OK** to view the information below:

All Calls

List of all incoming, outgoing and missed calls.

Incoming Calls

Displays calls received by the phone.

Outgoing Calls

Displays calls made from the phone.

Missed Calls

Displays calls received but not answered.

After selecting one of the call logs above, a listing of all calls in that category will be displayed. You may use the **Up/Down** button to select a desired entry. Press the **View** button to get information about the call, such as the phone number, name, call time and date. The **Save** button allows you to create or update contact information for the selected

caller.

Press the **Options** key to choose any of the following features:

1. **Dial:** Make a voice call to the number.
2. **Send Message:** Send a MMS or SMS message to the number.
3. **Add Digits:** Switch to number input mode to modify the selected number before dialing.
4. **Dial 1+Number:** Add 1 as a prefix for long distance dialing, and dial the number.
5. **Delete:** Delete the selected record.
6. **Delete All:** Delete all records.

Call Timers

The Call Timers feature allows you to view the approximate duration of your calls, as well as data transferred and data connection time. The following information is available in the Call Timers interface:

1. **Last Call:** Duration of the last call made or received by the phone
2. **Recent Calls:** Total duration of all calls made or received since last resetting the call timer. You can reset Recent Calls by selecting **Reset** button on the right soft key.
3. **Lifetime:** Total duration of all calls made or received in the phone's lifetime. This value is not cleared when the **Reset** button is selected.
4. **Data Transferred:** Total data bytes uploaded and downloaded by the phone
5. **Connection Time:** Total time spent transferring data

Note: The call timers are not intended for billing purposes. The actual invoice for calls and service provider may vary depending on network features, rounding off for billing, rates and so forth.

You can reset the information such as Last call, Recent calls, Data transferred and Connection Time by selecting the **Reset** button on the right soft key.

8. Messaging



Your phone is capable of creating and receiving text, multimedia, voice and E-mail messages. With your FASTAP™ keypad, you are able to quickly write, read and respond to messages in a variety of applications. To enter the messaging interface from standby mode, select **Menu**→**Messaging**.

Your phone has the following messaging options:

1. **Voice Mail:** Access your Voice Mail box to check voice messages.
2. **Text and Multimedia:** Compose and send text and multimedia messages to other cellular phones capable of viewing these messages.
3. **E-mail:** Access the E-mail client to view and write E-mail messages.
4. **IM & Chat:** Send and receive instant messages at any time from your mobile device, allowing you to chat with internet messenger users.
5. **Web Alerts:** View and launch Web Alerts.
6. **Short Codes:** Access pre-configured Short Codes. Contact your service provider for more details about Short Codes.

Voice Mail

When the Voice Mail function is available, all unanswered calls to your phone can be transferred to your voice mailbox, even if your phone is in-use or powered off. You should set up your voice mailbox and personal greeting as soon as your phone is activated. For more information, Contact your service provider.

To check your voice mailbox, select **Call** from the Voice Mail interface. The phone will automatically place a voice call to the Voice Mail center. You may clear the new Voice Mail indicator by pressing the **Reset** button, located on the right soft key.

Shortcut: To quickly access your voice mailbox from standby mode, press and hold the 1 key. Your phone will automatically place a voice call to the Voice Mail center.

Text and Multimedia

Your phone is capable of sending and receiving SMS and MMS messages to other mobile phones in your local area and around the world. The following selections can be chosen from the Text and Multimedia interface:

Send New

The Send New selection is used to create and send a message with the composer. To create a message, enter a phone number or E-mail address in the **To** field. You may directly enter the recipient's number using the keypad. After entering one number or address, you may press the **DOWN** key to enter additional addresses.

You may also add recipients from your contact list by pressing the **Options**→**Contacts** button. Use the **Up/Down** keys to highlight the desired contact, and press the **Mark**→**Select** button to select the contact. You may scroll down to select multiple recipients. After the desired numbers have been selected, press the **OK** button to add the recipients to the message.

Note: You may send an SMS to a maximum of 10 recipients, and an MMS to a maximum of 30 recipients, inclusive of the To, Cc and Bcc fields. These fields can each contain a maximum of 10 numbers.

When you have finished entering all recipients, press the **DOWN** key twice to move the cursor to the lower window for creating your message text. For more information about text

entry, Refer to Section 5 – Entering Text.

Press the **Send** button to send the message. You can also save your message at any time by selecting **Options**→**Save to Drafts**.

Note: The maximum size of an MMS message is 300kB, and it may contain:

1. text, audio and photos
2. text and video

The subject can include at most 40 characters, and if the message is an SMS, the subject will be included as part of the message body.

Your phone allows you to perform a variety of other functions within the messaging window. Select **Options** to access the following features:

1. **Insert:** Your phone also allows you to add pictures, audio clips or videos to your message. From the messaging composition screen, select **Insert** to display the following options:
 - ✧ **Photos:** Add an image from the folder lists.
 - ✧ **Sounds:** Add an audio clip from the folder lists.
 - ✧ **Videos:** Add a video from the folder lists.
 - ✧ **New Photo:** Start the camera to take a photo and insert it into the message.
 - ✧ **New Sound:** Start the sound recorder to create a new audio file, and insert it into the message.
 - ✧ **New Video:** Start the camcorder to create a new video file, and insert it into the message.
2. **Slide:** Enter the slide interface
 - ✧ **Add Slide:** Switch to the slide interface. Press the **OK** key to add a new slide.
 - ✧ **Delete Slide:** Delete the current slide.
 - ✧ **Previous Slide:** View the previous slide.
 - ✧ **Next Slide:** View the next slide, when more than one slide has been added.

- ✧ **Slide Timing:** Set the duration (in seconds) for each slide.

Note: When editing an MMS message, you can add at most 2 slides to the message.

3. **Preview:** Preview the message
4. **Erase Item:** Erase the selected photos, sounds or videos item from the message
5. **Cc/Bcc/Sub:** View and enter the cc/bcc recipients and subject text. After inputting the desired information, press the **Done** key to save.
6. **Save to Drafts:** Save the message to the Drafts folder
7. **Quick Text:** Quick Text messages are used to enter common responses to questions from a pre-defined dictionary. Select **Quick Text**, locate a desired phrase and click **OK** to add the text to the current message. For more information about Quick Text, Refer to Settings - Quick Text in Messaging.
8. **Signature:** Input your pre-defined signature. See Settings – Signature in Messaging for information on how to create a customized signature.
9. **My Words:** Switch to the My Words interface to add previously saved words to the message.

Inbox

The Inbox folder contains all of your received text and multimedia messages. From this folder you can review your received messages, reply or forward messages to another recipient. To access the inbox from standby mode, select **Menu**→**Messaging**→**Text and Multimedia**→**Inbox**.

Reading a message

1. Use the **Up/Down** keys to select the desired message
2. Press the **View** button.
3. If the message is an SMS message, it will be displayed on the screen immediately.

4. If the message is an MMS message, an MMS notification will be displayed. See Downloading an MMS message below for downloading instructions.

Downloading an MMS message

1. Press the **Get** button to download the message.
2. The message will download and you will be returned to the Inbox.
3. Highlight the downloaded message and press the **View** button. The message will be displayed on the screen.
4. You may press the **Reply** button to respond to the original recipient.

Press the **Options** button in the view message interface, you can do access the following features:

1. **Use Highlighted Object:** Save the highlighted object to file, or set it as a ringtone, wallpaper, contact, etc.
2. **Delete:** Delete the message
3. **Forward:** Forward the message to another recipient
4. **Reply All:** Reply to all the recipients of the original message
5. **Extract Attachments:** Downloads attachments sent with MMS messages
6. **Message Details:** View the details of the message, such as the size, date, etc.
7. **Move to Saved:** Move the message to the Saved folder.
8. **Use Sender's Number:** Allows using the callback for the following:
 - ◇ **New Contact:** Save the number as a contact
 - ◇ **Update Contact:** Add the number to an existing contact
 - ◇ **Voice Call:** Dial a voice call to the sender

Note: When using the **Use Highlighted Object** feature on an E-mail address, you can save it to your contact list or send an E-mail to the address. You can save a URL to your bookmarks, or access the URL immediately. If a video file is attached, it can only be saved.

Replying to a message

1. Highlight the desired message and press the **Reply** or **View**→**Reply**.
2. Compose your reply message. For more information about creating messages, Refer to Send New.

Note: When replying to a message, the To: field will automatically be filled with the original sender's number. The Cc and Bcc fields will be blank. The message type (SMS or MMS) will depend on the content of the message.

Inbox Options

To select your inbox options, press the **Options** button located on the left soft key. The following selections are available:

1. **Delete:** Delete the selected message
2. **Delete All:** Delete all messages in the Inbox
3. **Forward:** Forward a copy of the message to another recipient
4. **Reply All:** Reply to the sender and all recipients of the highlighted message (MMS only)
5. **Messages Details:** Display information about the message such as date, time, size, priority, etc. (MMS only)
6. **Move to Saved:** Allows you to move the message to the Saved folder.
7. **Get:** Download the new MMS (This function is available only with Push message unread).
8. **Reject:** Discard to read the new MMS (This function is available only with Push message unread).

Note: The functions Reply All and Message Details are only available for MMS messages. The Get and Reject features are only necessary if the MMS message is not automatically downloaded by the phone. To change the MMS download options, Refer to the section Text and Multimedia – Settings – Auto Download.

Outbox

The Outbox folder contains all messages that are waiting to be sent, or were unsuccessfully sent during the last attempt. From this folder you can edit or re-send your messages.

To edit a message before sending, press the **Edit** button. This will display the composer interface where you can edit your message. Select **Send** from this screen to send the message.

You can also send a message directly from the Outbox by pressing the **Send** button located on the Right soft key.

Pressing the **Options** button will display the following options:

1. **Delete:** Delete the highlighted message
2. **Delete All:** Delete all messages in the Outbox
3. **Message Details:** Display information about the message such as date, time, size, priority, etc. (This function is available only with MMS)

Drafts

The Drafts folder contains drafts, unfinished or unsent text and multimedia messages. From this folder you can complete and re-send your messages. Select the **Edit** button to open the message, and press **Send** in the composer to send the message.

You may delete a highlighted message by pressing the **Delete** button located on the right soft key. All drafts can be deleted by selecting **Del.all** on the left soft key.

Sent

The Sent folder contains messages that have been successfully sent by your phone. Press **Edit** to open the composer interface to edit or re-send your message. You may also select **Delete** to delete selected messages from the Sent box.

Press the **Options** button on the left soft key to choose the following:

1. **Forward:** Send the message to a different recipient

2. **Delete All:** Delete all messages in the Sent folder
3. **Message Details:** View information about the message, such as the date and time sent, size, etc. This feature is available only with MMS.

Saved

The Saved folder contains saved text and multimedia messages. From this folder you can edit and resend your messages. The messages that are saved in this folder will not be deleted automatically.

You can view a saved message by highlighting the desired message and selecting **View**. You can also reply to messages by hitting the **Reply** button located on the right soft key. Pressing the **Options** button will display the following options:

1. **Delete:** Delete the highlighted message
2. **Delete All:** Delete all messages in the Saved folder
3. **Forward:** Forward the selected message to another recipient
4. **Reply All:** Reply to the sender and all recipients of the highlighted message
5. **Message Details:** View information about the message, such as the date and time sent, size, etc. This feature is only available for MMS messages.

Templates

The Templates folder contains predefined templates for text and multimedia messages. To compose a new template:

1. From standby mode, select **Menu**→**Messaging**→**Text and Multimedia**→**Templates**.
2. Click **New** if this is your first template. Otherwise, press **Options**→**New** to compose a new template.
3. Enter the recipient number and message, if desired.
4. Select **Options**→**Save as Template** to save the template for future use.

After saving a template, you can use it to create future messages by entering the Templates

menu and selecting **Edit**. Add the necessary information to the template and press the **Send** button to send the message. For more messaging options, refer to Send New. From the templates list, press the **Options** button on the left soft key to choose the following:

- ✧ **New:** Add one new template to this folder
- ✧ **Delete All:** Delete all templates in the template folder
- ✧ **Message Details:** View information about the template message, such as the date and time created, size, etc. This feature is only available for MMS messages.

Settings

There are several options associated with your text and multimedia messages. This menu allows you to customize the options to fit your preferences. From the standby mode, select **Menu**→**Messages**→**Text and Multimedia**→**Settings** to access the settings menu. The following options are available:

1. **Message**

- ✧ **Save to Sent Box:** Sets whether messages are saved to the Sent folder
 - Prompt: Prompts you to save a copy of the outgoing message
 - Do Not Save: Sent messages are not saved in the Sent box
 - Auto Save: Sent messages are automatically stored in the Sent box
- ✧ **Auto Delete Inbox:** Selects whether messages are automatically deleted after being read
 - On: Automatically delete read messages
 - Off: Do not delete read messages
- ✧ **Default Entry Mode:** Sets the default entry mode
 - eZiEnglish: Text entry with a predictive dictionary
 - Alpha: Each character is typed individually
- ✧ **Auto Download:** Sets the preference for downloading MMS messages
 - On: Download the MMS automatically

Off: Manually download the attachment when viewing the MMS

- ✧ **Message Priority:** Changes the message priority between Low, Normal and High.
- ✧ **Delivery Report:** Enables and disables the MMS delivery report
- ✧ **Read Report:** Selects whether read reports are requested for MMS messages
- ✧ **Callback:** Sets the callback number that is sent along with SMS and MMS messages
- ✧ **Signature:** Allows you to input and save your message signature. The saved signature is appended to all outgoing messages.

2. Quick Text

The Quick Text is a list of phrases that are commonly used in short messaging. To view or edit the phrase, press the **Edit** button. For more information on adding Quick Text to your message, refer to Send New.

Memory Info

The Memory Info menu displays the amount of memory available for text and multimedia messages. Press the **OK** key to exit from the menu.

E-mail

Your phone is pre-loaded with My Email. To learn more about this service please visit www.telusmobility.com/email. To access your E-mail:

1. From standby mode, select **Menu**→**Messaging**→**E-mail**
2. Select **My Email** to launch the E-mail application and follow the on-screen instructions.
3. You may search for additional E-mail clients by selecting **Get New**. Contact your service provider for more information.

Shortcut: You can quickly access **My Email** by long pressing the **E** key from standby mode.

IM & Chat

The IM & Chat menu allows you to access applications that allow sending and receiving instant messages at any time. To access the instant messenger feature:

1. From standby mode, select **Menu**→**Messaging**→**IM & Chat**
2. Select **Messenger** to launch the IM application and follow the on-screen instructions.
3. You may search for additional IM clients by selecting **Get New**. Contact your service provider for more information.

Shortcut: You can quickly access **Messenger (IM)** by long pressing the **M** key from standby mode.

Web Alerts

Your phone is capable of receiving Web Alerts from online providers. For more details, contact your service provider. To access your Web Alerts:

1. From standby mode, select **Menu**→**Messaging**→**Web Alerts**
2. Follow the on-screen instructions.

Short Codes

Your phone is capable of accessing pre-configured Short Codes. For more details on Short Codes, contact your service provider.

9. Wireless Web



The browser feature on your phone allows you to view internet content. You can view specially designed versions of popular websites which include sports, weather, news, stock quotes and many others. As well, you can download ringtones, wallpaper, and games from your service provider. You can access the browser by selecting **Menu**→**Wireless Web** from standby mode.

Note: Wireless web is a network service. Rates and pricing vary according to the application. For more information, contact your service provider.

Your phone may have some bookmarks loaded for sites not affiliated with TELUS. TELUS does not warrant or endorse those sites. If you choose to access them, you should take the same precautions for security or content, as you would with any other internet site.

Launching and Navigating the Browser

From standby mode, select **Menu**→**Wireless Web** to access the browser application. You will be connected to the service provider's homepage automatically. You may press the **Options** key to access the browser submenu. The following selections are available in the Options menu:

1. **Home:** Go to the homepage
2. **Forward:** Go back and reload the web page from where the **Back** button was last pressed
3. **Go To URL:** Switch to the URL screen where web addresses can be input
4. **Bookmarks:** All previously accessed addresses can be saved as bookmarks on your

phone. This function allows you to view and edit frequently accessed sites.

- ✧ **Open Bookmarks:** Access the bookmark list and organize favourites.
 - ✧ **Mark Site:** Add a bookmark for the current site.
5. **History:** Browse previously viewed web addresses
 6. **Snapshots:** Allows you to manage your snapshots
 - ✧ **View Snapshots:** View previously saved snapshots
 - ✧ **Take Snapshots:** Take a snapshot of the current web page
 7. **Use URL:** Provides URL related options
 - ✧ **Send Link:** Send a message with the current URL
 - ✧ **Show URL:** Show the current URL
 8. **Search:** Search via the search engine defined by your service provider.
 9. **Advanced:** View the advanced menu for the Browser
 - ✧ **Restart Browser:** Clear the cache memory and reload the browser
 - ✧ **Multimedia:** Allows setting preferences for display pictures and background music
 - ✧ **Clear:** Allows clearing of the stored cookies, cache, history and autofill
 - ✧ **Scroll Mode:** Settings for the scroll mode and scroll speed of web pages
 - ✧ **Send Referrer:** Enable or disable adding the referrer field into the HTTP request header
 - ✧ **Connection Timeout:** Set the duration of the connection timeout
 - ✧ **Key Press Timeout:** Set the duration of the key press timeout
 - ✧ **Security:** Set the security options
 0. **About:** Show the version of the Browser.

<p>Note: To go to the previous page while browsing the internet, press the Back button located on the keypad.</p>
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10. Music & Media



Your phone has the capability of playing multimedia content such as video, radio and downloadable music. You can also capture and view images and movies on your phone. This functionality is all accessible through the Music & Media menu. To access Music & Media, select **Menu**→**Music & Media** from standby mode.

The selections below are all accessible through the Music & Media menu.

TELUS Mobile Music

The TELUS mobile music player lets you play music you have downloaded from your service provider or loaded from your PC to your microSD memory card. To learn more about TELUS mobile music please visit www.telusmobility.com/music. The following options are available in the TELUS mobile music menu:

1. **Music Player:** Allows you to listen to your stored music and download new songs from the online store. Music Player allows you access the following:
 - ✧ **My Vault:** Displays a list of songs downloaded to your vault using your mobile music subscription
 - ✧ **Play:** Play tracks in your playlist
 - ✧ **Settings:** Control the settings of TELUS mobile music, such as display, languages, etc.
 - ✧ **Shop:** Go to the shop page and download new music tracks

- ◇ **Song Library:** Displays the list of music on your phone
- 2. **My Music List:** Displays a listing of the music files you have on the phone

TV & Radio

The TV & Radio selection allows you to access and enjoy the service provider's content such as TELUS mobile radio. To access the TV & Radio section from standby mode, select **Menu**→**Music & Media**→**TV & Radio**.

Downloading Applications

If you haven't downloaded any applications, highlight the **Get New** icon, and click **Go**. You will be able to download the content using the browser. Follow the on-screen instructions to install the application.

<p>Note: Fees may apply for downloading or using the TV & Radio content. Check with your service provider for more information.</p>
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Running Applications

Once the application is installed, select **Menu**→**Music & Media**→**TV & Radio**. Highlight the desired application in the list and click the **OK** buttons. Follow the on-screen instructions for running the application.

Ringtones

The Ringtones selection allows you to download and manage previously downloaded ringtones. To access your Ringtones from standby mode, select **Menu**→**Music & Media**→**Ringtones**.

Downloading Ringtones

To download new ringtones, highlight **Get New** and click the **OK** key. The web browser will launch and locate the TELUS ringtone web page. Follow the on-screen instructions to download a ringtone.

Managing your Ringtones

After you have downloaded ringtones, you can manage your ringtones by highlighting the desired ringtone and pressing the **Options** soft key. The following options are available:

1. **Play:** Play the highlighted ringtone.
2. **Delete:** Delete the highlighted ringtone.
3. **Options:** Display the additional options listed below.
 - ✧ **File Info:** Allows you to view the file information
 - ✧ **Delete All:** Delete all the downloaded music

Wallpapers

Your phone is able to download new wallpaper, or set a desired picture as the background image. To access the Wallpaper menu from standby mode, select **Menu**→**Music & Media**→**Wallpapers**.

Downloading Wallpaper

To download new wallpaper, highlight **Get New** and click the **OK** key. The web browser will launch and locate the TELUS wallpaper web page. Follow the on-screen instructions to download wallpaper.

Managing your Wallpapers

After you have downloaded wallpaper, you can manage your wallpaper by highlighting the

desired wallpaper and pressing the **Options** soft key. The following options are available:

1. **View:** View the highlighted entry
2. **Delete:** Delete the highlighted wallpaper
3. **Options:** Display the additional options listed below:
 - ✧ **Set as:** Set the selected picture as wallpaper
 - ✧ **File Info:** Allows you to view the file information.
 - ✧ **Delete All:** Delete all the images in the wallpaper folder

Videos

The video function allows you to download and manage your video files. To access the Video menu, select **Menu**→**Music & Media**→**Videos** from standby mode.

Downloading Videos

To download new videos, highlight **Get New** and click the **OK** key. The web browser will launch and locate the TELUS video web page. Follow the on-screen instructions to download a video.

Managing your Videos

After you have downloaded some videos, you can manage them by highlighting the desired entry and pressing the **Options** soft key. The following options are available:

1. **Play:** Play the selected video
2. **Delete:** Delete the highlighted video
3. **Options:** Display the additional options listed below:
 - ✧ **File Info:** Allow you view the file information.
 - ✧ **Delete All:** Delete all the videos in the video folder

Camera

The Camera function allows you to take pictures and videos right from your phone. To access your camera, select **Menu**→**Music & Media**→**Camera** from standby mode.

Shortcut: You can quickly access the Camera application by long pressing the **Camera** button located on the left side of the phone.

Take pictures and videos

To capture an image, press the **Capture** button located on the middle soft key. You may also press the **Camera** button on the left side of the phone.

You can use the right and left navigation keys to view your image settings while shooting. Use the **UP** and **DOWN** keys to adjust the level for each of the following settings:

- **Brightness:** Adjust the brightness level of the image
- **Contrast:** Adjust the contrast of the image
- **Zoom:** Adjust the zoom level
- **Effect:** Change the effect between normal, black & white and sepia

For more shooting options, select the **Options** button to display the following:

- **Camera Flash:** Turn the camera flash on or off
- **Self Timer:** Set the self timer to be off, 5s, 10s, or 15s
- **Image Size:** Choose between image sizes of 1280x960, 1024x768, 640x480, 320x240, 176x144, 160x120
- **Image Quality:** Select Super Fine, Fine or Standard image quality
- **White Balance:** Choose auto, sunny, cloudy, incandescent, and fluorescent
- **Shutter Sound:** Select the shutter sound
- **Save to:** Select to save to the Handset or External memory
- **Video Camera:** Switch to video recording mode. Press **OK** to start recording.

Note: You can shoot videos with lighting by switching to video recording mode, and then turning on the camera flash.

Viewing your image album

You can view your previously taken images and video by selecting the **Album** button located on the right soft key. For more information on your album options, see the Photo Album and Video Album sections.

Note: Your camera flash has a limited life span. If the camera flash does not work, it may be near the end of its lifespan. Replace the flash with a new one of the same type.

My Albums

The My Albums folder is a convenient way to organize all the music, images and video on your handset. To access the My Albums folder from standby mode, select **Menu**→**Music & Media**→**My albums**. In this folder you will be able to access the Sound Album, Photo Album, Video Album, Online Album and the External MicroSD Memory.

Sound album

The Sound Album folder allows you to view and organize the sound files that are stored on your phone. The following folders are available:

Sounds

You can play tracks by highlighting the desired file and pressing the **Play** button. You can select the **Mark** button to highlight a group of songs simultaneously. Pressing the

Options key will provide access to the following functions:

- ✧ **Send:** Send the selected sound via MMS or Bluetooth
- ✧ **Upload:** Upload the selected sound
- ✧ **Copy:** Copy the current sound file to the MicroSD card

- ❖ **Move:** Move the selected sound file to the MicroSD card
- ❖ **Delete:** Delete the selected file
- ❖ **Delete All:** Delete all saved sound files
- ❖ **Rename:** Rename the highlighted file
- ❖ **File Info:** View details about the music file
- ❖ **Mark All Files:** Mark all the sound files

MMS

The MMS folder displays all of the sound clips that have been received in MMS messages. Refer to the Sound Album section for more information about managing your MMS sound files.

Transferred

The transferred folder displays all of the sound clips that have been copied or moved from the MicroSD card. Refer to the Sound Album section for more information about managing your Transferred sound files.

Photo Album

The Photo Album folder allows you to view and organize the photos that are stored on your phone. The following folders are available:

Photos

You can view a full-screen image of the selected thumbnail selecting the **View** button. You may also use the **Mark** button to select several pictures. The **Options** button provides the following picture functions:

- ❖ **Send:** Send the selected photo via MMS or Bluetooth
- ❖ **Upload:** Upload the selected photo
- ❖ **Set as:** Set the highlighted picture as wallpaper or a contact image

- ✧ **Copy:** Copy the current picture file to the MicroSD card
- ✧ **Move:** Move the selected picture file to the MicroSD card
- ✧ **Delete:** Delete the selected file
- ✧ **Delete All:** Delete all saved picture files
- ✧ **Rename:** Rename the highlighted file
- ✧ **File Info:** View details about the photo
- ✧ **Mark All Files:** Mark all photos

MMS

The MMS folder displays all of the photos that have been received in MMS messages. Refer to the Photo Album section for more information about managing your MMS photos.

Transferred

The transferred folder displays all of the photos that have been copied or moved from the MicroSD card. Refer to the Photo Album section for more information about managing your Transferred photos.

Video Album

The Video Album folder allows you to view and organize the video files that are stored on your phone. The following folders are available:

Videos

You can play your video files by selecting a desired file and pressing the **Play** button.

You may also use the **Mark** button to select several videos simultaneously. The **Options** button provides the following video functions:

- ✧ **Send:** Send the selected video via MMS or Bluetooth
- ✧ **Upload:** Upload the selected video
- ✧ **Copy:** Copy the current video to the MicroSD card

- ❖ **Move:** Move the selected video to the MicroSD card
- ❖ **Delete:** Delete the selected file
- ❖ **Delete All:** Delete all saved videos
- ❖ **Rename:** Rename the highlighted file
- ❖ **File Info:** View details about the selected video
- ❖ **Mark All Files:** Mark all videos

MMS

The MMS folder displays all of the videos that have been received in MMS messages. Refer to the Video Album section for more information about managing your MMS video files.

Transferred

The transferred folder displays all of the videos that have been copied or moved from the MicroSD card. Refer to the Video Album section for more information about managing your transferred video files.

Online Album

The Online Album selection launches the browser application to view your files stored online.

External Memory

The External Memory selection displays the Picture, Video and Sound files that are located on the MicroSD card.

Memory Info

The Memory Info selection allows you to view the details about the space used and available memory. To view the memory information from standby mode, select

Menu→Music & Media→Memory Info.

11. Shop



Your phone has a shopping menu that allows you to purchase music, ringtones, images, videos, games and a variety of applications. To access the shopping menu, select **Menu**→**Shop** from standby mode.

Your web browser will launch automatically. Follow the on-screen instructions to download the desired files.

12. Games



Your phone is capable of playing a variety of games that are available through your service provider. You can download games and store them on your phone for future use. To access the Games folder from standby mode, select **Menu**→**Games**.

Downloading games

To download games from your service provider, click on the **Get New** entry located at the top of the games list. This will launch the browser and take you to the download page. Follow the on-screen instructions to find and download games.

Playing games

The games that have already been downloaded will be displayed in the games list. Scroll down the list and press **OK** to launch the game. Press the **Options** button to display the following game options:

1. **Delete:** Delete the selected game
2. **Properties:** View information about the game
3. **Permissions:** View and modify various security features for the selected game

13. Tools & Apps



The Tools menu provides helpful software applications to assist with daily tasks, such as a calculator, scheduler, voice memos, world clock, GPS services and many others. To access the Tools folder, select **Menu→Tools & Apps** from standby mode.

Get New

The Get New selection allows you to download new tools and applications from your service provider. From standby mode, select **Menu→Tools & Apps→Get new** to access this feature. The browser will launch and take you to the download menu. Follow the on-screen instructions to download the applications.

Downloaded Apps

The Downloaded Apps section shows displays all the applications that have been downloaded to the phone. To access this feature from standby mode, select **Menu→Tools & Apps→Downloaded Apps**.

GPS Services

With GPS services, you can download new location based service applications that use your phone's Global Positioning System (GPS) features. Your handset also comes pre-loaded with TELUS Navigator, which provides audible turn-by-turn driving directions directly

from your phone. To learn more about TELUS Navigator, please visit www.telusmobility.com/navigator. To access the GPS Services menu from standby mode, select **Menu**→**Tools & Apps**→**GPS Services**.

Downloading new applications

To download new location based applications, select **Get New** from the menu. Your browser will launch automatically and direct you to the application download section. Follow the on-screen instructions to download applications.

Running applications

After your application has been successfully installed, you may scroll down the GPS services list and click **OK** to launch the highlighted application. The following options are available by pressing the **Options** button:

- **Properties:** View information about the application
- **Permissions:** View and modify various security features for the selected application

Calculator

Your mobile phone comes with a built-in calculator capable of performing addition, subtraction, multiplication and division. To access the calculator from standby mode, select

Menu→**Tools & Apps**→**Calculator**.

1. Enter a number with the keypad
2. If necessary, press the right soft key to insert a decimal point
3. Use the scroll key to select a mathematical function
 - ◇ **Up key:** add
 - ◇ **Down key:** subtract
 - ◇ **Left key:** multiply

- ◇ **Right key:** divide
- 4. Enter the next number with the keypad
- 5. Press **OK** to view the result

Alarm Clock

The alarm function allows you to set up multiple separate alarms. To access the alarm clock function, select **Menu**→**Tools & Apps**→**Alarm clock** from standby mode.

Adding an alarm

To add an alarm, highlight the desired alarm and press the OK key. You may set the alarm options described below:

- **Type:** Set the type between Daily, Workday, Weekly and Once
- **Date:** Select the date. This feature is only available for Weekly or Once alarm types.
- **Time:** Enter the time for the alarm in HH:MM am/pm format.
- **Ringtone:** Set the alarm sound as on or off.
- **Ring Type:** Select the ringtone that will be played when the alarm sounds. This feature is hidden if the Ringtone is set to off.
- **Status:** Enable or disable the alarm
- **Remark:** Enter a comment about the alarm

You can save the alarm by pressing the **OK** key.

Alarm options

To access the alarm settings, press the **Options** button located on the left soft key. The following options are available:

- **Edit Alarm:** Edit the highlighted alarm entry

- **Set Rest Days:** Set the days that the alarm is enabled. Highlight the day and press **Mark** to set the rest day, or **Unmark** to remove the rest day. Press **OK** to save the settings.
- **Delete All:** Delete all the preset alarms.

Scheduler

The scheduler allows you to conveniently access and modify your agenda. Simply store your appointment with a reminder and your phone will alert you on the time and date selected. You can access the scheduler by selecting **Menu**→**Tools & Apps**→**Scheduler**.

Adding an appointment

To add an appointment to the scheduler, press the **Add** button located on the right soft key. You may select to add a Meeting, Memo or Anniversary from the list.

Viewing an appointment

When you open your scheduler, it will automatically navigate to the current date. You may click the left and right navigation buttons to highlight a different date, and select **OK** to view appointments on that date. To view the details of an appointment, highlight the desired appointment and press the **View** button. This will display various parameters such as the time, date, subject and location.

Scheduler Options

To access the scheduler settings, press the **Options** button located on the left soft key. The following options are available:

- **Monthly View:** Provides an overview of the selected month
- **Go to Date:** Input a date and press **OK** to jump to the specified date
- **Delete:** Delete the selected entry

- **Delete All:** Delete all appointments on the selected date
- **Settings:** Set the alarm tone and default calendar view (Monthly or Day view)
- **Memory Info:** Displays the number of used, available and total calendar entries

EZ Tip Calculator

The EZ tip calculator function allows you to quickly and easily calculate the tip amount based on the tip rate and bill. You can access the EZ Tip Calculator from standby mode by selecting **Menu**→**Tools & Apps**→**EZ Tip Calculator**. To calculate a tip:

1. Enter the Bill amount. Press the **Decimal** button to enter a decimal point.
2. Enter the Tip percentage.
3. Press **OK**.
4. The Tip and Total will be displayed.

You may press the **Reset** button to clear the bill and tip amount.

World Clock

The world clock displays the time in twenty-four different time zones around the world, together with one or more cities, states, regions or countries in each time zone. To access the World Clock, select **Menu**→**Tools & Apps**→**World Clock** from standby mode. Press the left and right navigation keys to display different time zones.

You may press the **DST** button to enable or disable daylight savings time. The **Cities** button sets the default time zone for the phone.

Voice Memo

You can use your phone to record brief memos to remind yourself of important events, phone numbers or other information. To access the voice memo from standby mode, select **Menu**→**Tools & Apps**→**Voice Memo**.

Recording a Voice Memo

You may press the **Record** button to record a memo. Once the recording has started, press the **Stop** button to end the memo. After the recording is complete, you may press the **Discard** button to delete, or **Save** to store the memo for future reference. Press the **Options** button to display the following features:

- **Send:** Send the voice memo via MMS message
- **Play:** Play the voice memo

Listen to a Voice Memo

To listen to a previously recorded voice memo, press the **Album** button located on the right soft key. A listing of audio clips will be displayed. Navigate to the desired entry and press the **Play** button to listen to the clip.

14. Settings



The settings menu allows you to customize your phone's display, sound, and various other settings based on your preferences. In the standby mode, select **Menu**→**Settings** to access the settings menu. Various phone settings are available within the Settings menu. Highlight the desired selection and press **OK** to view or change the current settings.

Sound

The sound menu allows you to change the sound properties of your phone.

Ringers

Many different ringers are available to help you identify incoming calls and messages. You can assign ringtones to individual contact entries and types of calls or messages.

1. **Voice Calls:** Change the voice call options
 - ◇ **Caller ID:** Edit the ringtone for calls with caller ID tags
 - ◇ **Unknown Calls:** Set the ringtone from blocked or restricted phone numbers
 - ◇ **Roaming:** Select a ringtone to be played while your phone is roaming
2. **Messages:**
 - ◇ **Voice Mail:** Select the Voice Mail indicator sound
 - ◇ **Text and Multimedia:** Set the tone for new text and multimedia messages
 - ◇ **Web Alerts:** Choose the indicator for new web alerts
 - ◇ **2-Min reminder:** Set the reminder time for new messages

Keypad

The keypad menu allows you to change the volume and length of keypad tones.

1. **Tone:** Set the tone for keypad presses
2. **DTMF Length:** Set the duration for Dual-Tone Multi-Frequency inputs

Volume

The Volume menu sets the mode and volume options for the ringer and earpiece.

1. **Meeting/Silent Mode:** Enable or disable silent mode
2. **Master:** Change the master volume level between off, vibrate only, level 1-4, or level 4 + vibrate
3. **Earpiece:** Set the volume for the earpiece of the wired headset accessory

Power On/Off

The Power On/Off setting allows you to enable or disable the music played during power on/off of the handset.

Alerts

The alerts menu allows you to change the sound settings for various alerts on your phone.

To access the alerts menu, select **Menu**→**Settings**→**Sound**→**Alerts** from standby mode.

The following settings are available:

1. **Service Change:** Enable or disable the service change alert
2. **Minute Beep:** Enable or disable the beep played before the calling time is about to achieve one minute or multi-minutes
3. **Call Connect:** Enable or disable the tone played when a call is connected successfully.
4. **Call Lost:** Enable or disable the tone played when a call is lost
5. **No Service:** Enable or disable the no service tone

Display/Keypad

The display settings allow you to customize your mobile phone's display screen. To access the display settings from standby mode, select **Menu**→**Settings**→**Display/Keypad**. The following settings can be changed via the display menu:

1. **Banner:** Change the banner name displayed in standby mode
2. **Wallpaper:** Select the background image for standby mode
3. **Backlight:** Set the screen and keypad backlight to be always on, always off, 7 seconds, 15 seconds or 30 seconds.
4. **Keypad Brightness:** Set the keypad light level from level 1 to level 5 or set the light off.
5. **Clock Format:** Change the format of the clock between Small Digital and Big Digital
6. **Menu Style:** Choose between icon or list menu style
7. **Dialing Font:** Select the size of the dialing font

Games/Tools

The Games/Tools menu allows you to set various options that control the phone's behaviour when playing games or applications. To access the Games/Tools menu from standby mode, select **Menu**→**Settings**→**Games/Tools**. The following settings can be edited from this menu:

1. **Backlight Settings:** Set the backlight duration to be 7 seconds, 15 seconds, always on, or always off while applications are running.
2. **Volume:** Set the volume level for applications.
3. **Notifications:** Enable or disable notifications for voice mail, messages or web alerts while applications are running.
4. **Memory Info:** View information about the phones available, used and total memory

Bluetooth

Your phone is capable of connecting to a variety of Bluetooth wireless accessories. You may create and store 20 pairings within the phone and connect to one device at a time. The approximate range for Bluetooth wireless technology is up to 30 feet (10 meters). Your phone has the following Bluetooth profiles:

Profile	Description	Feature	Connecting Devices
HSP	Headset Profile	The HSP profile allows you to use a Bluetooth wireless headset to make calls with your phone.	Bluetooth wireless headset
HFP	Hands-free Profile	HFP allows you to connect with a HFP enabled car-kit for hands-free conversations.	Bluetooth hands-free car kit or other HFP-capable devices
DUN	Dial-up Networking Profile	The DUN profile allows you to use your handset as a wireless modem for Bluetooth enabled computers or laptops. Refer to 'PC Connection.	Bluetooth enabled laptop or PC
OPP	Object Push Profile	OPP allows you to send images, video, music and phonebook entries (in v-card format) to other OPP-capable devices	Bluetooth capable handset
A2DP	Advanced Audio Distribution Profile	A2DP allows you to connect with wireless stereo headsets, for use while listening to music on your handset	Bluetooth stereo wireless headset

AVRCP	Audio/Video Remote Control Profile	This profile allows you to control the phone's music player with remote control keys located on a AVRCP supported headset	Bluetooth stereo wireless headset with remote control
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The Bluetooth menu allows you to search for Bluetooth wireless devices, and manage devices that have already been paired with your phone. To access the Bluetooth menu from standby mode, select **Menu**→**Settings**→**Bluetooth**. The following options are available:

1. **Bluetooth Manager:** Manage the Bluetooth settings below
 - ✧ **Power:** Enable or Disable the Bluetooth support
 - ✧ **Discoverable Mode:** Disable or enable discoverable mode for 60 seconds. Turn discoverable mode on for 60 seconds to allow other devices to find your handset.
 - ✧ **Device Name:** Set the Bluetooth device name for your phone. This name will appear on other Bluetooth devices when your phone is located.
 - ✧ **Address:** Identifies the address for your handset
 - ✧ **Device Type:** Shows your Bluetooth device type
 - ✧ **Supported Profiles:** Allows you to view a listing of the Bluetooth profiles supported by the handset.
2. **Bluetooth Devices:** This menu allows you to manage the Bluetooth devices that have been, or currently are paired to your handset.
 - ✧ **Search Again:** To provide user the UI to search Bluetooth device again.
 - ✧ **Device Info:** To provide user the UI to view the device information, such as name, address, and profiles supported.

Pairing with a new Bluetooth device

To pair with a new Bluetooth device from this menu:

1. Press **Search** to find a new compatible device

2. If Bluetooth power is set to off, you will be prompted to turn the power on. Press **Yes** to enable Bluetooth.
3. The device will appear in the Bluetooth Devices menu once it has been located. Highlight the desired device and press **OK**.
4. The phone will prompt you for the pass key. Consult the Bluetooth accessory instruction manual for the correct pass key. Enter the pass key and press the **OK** key.
5. Once connected, you will see the device listed in the paired Devices menu, and the Bluetooth icon will appear on the status bar.

GPS

Your phone's GPS features enable service providers to locate your position in emergencies, or for other services to request your position. You may change the following settings:

1. **GPS Status:** Sets your GPS status to be On, or Emergency only. The Emergency only setting allows the network to check your location only in emergency situations. If you would like other services to have access to your location, set the GPS status to be On. Setting the GPS Status to On will enable the GPS privacy settings below.
2. **GPS Privacy:** You can set your privacy to be By Permission, Restricted or Unrestricted.

Others

The Others menu provides additional phone settings.

Shortcuts

The Shortcuts menu allows you to assign a shortcut to your favorite and most frequently used applications. After setting the shortcut, you can access the assigned application it by holding the corresponding key in standby mode. To modify a shortcut:

1. Select **Menu**→**Settings**→**Others**→**Shortcuts** from standby mode
2. Highlight the desired shortcut letter and press **Select**.

3. A list will appear with all the functions available for the shortcut key. Scroll to the function you want to assign to the key, and press **OK** to confirm.

Call Setup

The call setup menu allows you to change the answering features on your phone. To access the call setup menu from standby mode, select **Menu**→**Settings**→**Others**→**Call Setup**. The following settings are available:

1. **Call Answer:** Select among answering when the flip is opened, pressing the send key to answer, or pressing any key to answer.
2. **Auto Answer:** Set the auto-answer settings to Off, 2 seconds, 4 seconds or 8 seconds. This feature is intended for use when your phone is connected to an optional hands-free headset.
3. **Auto Redial:** Enable or disable the auto-redial feature. This feature automatically redials a call after an unsuccessful call.

Language

Your phone can display text in English or French. To change the language settings, select **Menu**→**Settings**→**Others**→**Language** from standby mode. Changes the language settings change all menus and message settings. Use the Up and Down keys to select between English and French. Press **OK** to select the highlighted language.

TTY Mode

Your handset is a TTY compatible device. Simply connect the TTY equipment to the USB jack with the ZTE TTY-to-USB connector. To access the phone's TTY settings, select **Menu**→**Settings**→**Others**→**TTY mode**. Use the Up and Down keys to choose between the following settings:

1. **TTY Full:** Users who cannot talk or hear may use this setting to send and receive text messages through TTY equipment.

2. **TTY+Talk:** Users who can talk, but cannot hear, may use this setting to speak through the phone and receive responses via text message
3. **TTY+Hear:** Users who can hear, but cannot speak, may use this setting to listen to conversation of the other party, and respond via text message.
4. **TTY Off:** Users who can hear and speak may use this setting to disable TTY support.

Connecting to TTY Equipment

1. Connect the cable from the TTY device into the ZTE TTY-to-USB connector.
2. Plug the USB connector into the jack on the right side of the phone.
3. Enter the TTY Mode menu and select the desired TTY Mode (shown above).
4. After setting the TTY mode, check the LCD screen on the phone for the TTY icon
5. Connect the TTY equipment to the power source and turn it on.
6. Make a phone connection to the desired number.
7. When a connection is made, use the TTY equipment to send a text message, or speak (for TTY+Talk mode).
8. The voice or text message from the other party will heard or displayed on the TTY equipment, depending on the TTY mode selected.

PC Connection

The PC Connection setting allows you to select the data port for when the handset is used as a modem for internet connections. You can access the PC Connection settings menu by selecting **Menu**→**Settings**→**Others**→**PC connection** from standby mode. Use the **Up** and **Down** keys to select between USB and Bluetooth.

Memory Info

The Memory Info menu allows you to view information about the phones available and used memory.

System

The System menu provides you with specific information about the phone and network properties. To access the System menu from standby mode, select

Menu→**Settings**→**System**. The following options are available:

Phone Info

1. **My Number:** Display the phone's mobile number
2. **SW Version:** View the software, hardware, PRL and Browser versions of the phone
3. **Serving System:** Display the current CDMA channel and System ID (SID)
4. **Icon Glossary:** A listing and description of all icons displayed on the phone's status bar

System

1. **Set Mode:** Select between automatic or home only modes. Use automatic to allow roaming onto other service provider's network, or use home only to disable this feature.

Note: Additional fees may apply when roaming on another network.

2. **Set NAM:** Your phone has the capability of storing 2 different phone numbers. Use this setting to select the current Number Assignment Module (NAM). Contact your service provider for more information about the NAM.
3. **Call Guard:** Enable or disable the call guard.

Security

The security menu allows you to lock your phone electronically. To access the Security menu, select **Menu**→**Settings**→**Security** from standby mode.

Note: You will need to enter the phone lock code to enter this menu. The default code is the last 4 digits of your telephone number.

The following options are available:

1. **Lock Phone:** Choose between Unlock, Lock and On Power Up. In Lock mode, the phone is only able to receive calls or make emergency calls. The On Power-Up setting will automatically lock your phone when it is powered on.
2. **Change Lock:** This menu allows you to change the phone's lock pass code. To change your code:
 - ✧ Select **Menu**→**Settings**→**Security**→**System**→**Change lock** from standby mode.
 - ✧ When prompted, enter your old 4 digit lock code
 - ✧ Input the new code (4 to 8 characters)
 - ✧ Input the new code again to confirm.
3. **Reset Defaults:** This selection restores the default security settings.

Airplane Mode ON/OFF

Airplane Mode allows you to use many of your phone's features, such as games, calculator, voice memos, and many others when you are in an airplane or other area where RF signals may cause interference. In airplane mode, you are prohibited from making or receiving voice/data calls, however you may still make calls to your local emergency number.

Enabling Airplane Mode

To enable Airplane Mode, select **Menu**→**Settings** from standby mode. Highlight **Airplane Mode: OFF** and press **Select**.

Disabling Airplane Mode

To disable Airplane Mode, select **Menu**→**Settings** from standby mode. Highlight **Airplane Mode: ON** and press **Select**.

15. Support

Telephone Support

If you have any difficulty installing or using your new ZTE D90 Mobile Phone, Contact TELUS' toll-free customer support line at 1-866-558-2273. The call centre is open from 8 a.m. to 10 p.m. (EST) Monday to Friday and from 9 a.m. to 8 p.m. (EST) Saturdays and Sundays.

Online Help

The ZTE D90 has extensive online help, which includes documentation, answers to frequently asked questions (FAQ) and a knowledge base. Visit the ZTE Canada webpage at www.ztecanada.com for more information.

16. Glossary

Abbreviation	Description
1X-EVDO	1x - Evolution Data Only
A2DP	Advanced Audio Distribution Profile
AC	Alternating Current
AVRCP	Audio/Video Remote Control Profile
CDMA	Code Division Multiple Access
DST	Daylight Savings Time
DTMF	Dual-Tone Multi-Frequency
DUN	Dial-up Networking Profile
HFP	Hands-free Profile
HSP	Headset Profile
GPS	Global Positioning System
IM	Instant Messenger
MMS	Multimedia Message Service
NAM	Number Assignment Module
OPP	Object Push Profile
RF	Radio Frequency
SD	Secure Digital
SID	System Identifier
SMS	Short Message Service
SW	Software
TTY	Teletype
URL	Uniform Resource Locator
USB	Universal Serial Bus
VIP	Very Important Person

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