

R1010 WCDMA/GSM/GPRS

Mobile Phone

User Manual

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LIMITED WARRANTY

ZTE warrants to the original purchaser that the cellular product and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

1. WHAT THIS WARRANTY COVERS:

- (1) The limited warranty for the handset remains in effect for a period of 24 months based on the date of purchase (except for the battery, where the warranty period shall be 6 months).
- (2) The limited warranty extends only to the original purchaser (end user) and is not assignable or transferable to any subsequent purchaser/end user.
- (3) During the warranty period, ZTE or officially appointed service agent will repair or replace any defective product or parts thereof at its discretion.
- (4) This limited warranty is applicable to the customer/end user that purchased the product from an official dealer.
- (5) The purchaser (end user) must retain the original purchase invoice/till slip in order to enforce this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

- (1) Defects or damages resulting from the misuse of this product.
- (2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized repair, neglect, abuse, accident, alteration, improper installation, blown fuses, food or liquid spillage, acts of God and shipping damage.
- (3) The cost of delivery or transportation of the product to the dealer or officially appointed service center will be borne by the purchaser (end user).
- (4) Products received for repair by the dealer or authorized service center after the product warranty has expired.
- (5) Products that have had the serial number removed or defaced.
- (6) THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED IN TERMS OF MARKETABILITY OR FITNESS FOR A PARTICULAR USE. SPECIFICALLY THE COMPANY WILL ACCEPT NO DAMAGE CAUSED BY OR DUE TO FAILURE OF OPERATION OR MALFUNCTION OF THE PRODUCT, OR ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT.

- (7) Damage resulting from the use of non-ZTE approved accessories.
- (8) Scratches and damage caused by normal use.
- (9) Products used outside published maximum ratings.
- (10) Consumables such as fuses.
- (11) Products that have been subject to an unauthorized removal or deactivation of the network operator-lock function.

Product Safety Information



Read the Safety Information section of this user guide on this page



Do not use while re-fuelling



Do not use hand-held while driving



This device may produce a bright or flashing light



For body-worn operation maintain a separation of 15 mm



Do not dispose of it in a fire



Small parts may cause a choking hazard



Avoid contact with magnetic media



This device may produce a loud sound



Avoid Extreme Temperatures



Keep away from pacemakers and other personal medical devices



Avoid any contact with liquid, keep it dry



Switch off when instructed in hospitals and medical facilities



Do not attempt to disassemble



Switch off when instructed in aircrafts and airports



Do not rely on this device for emergency communications



Switch off in explosive environments



Only use approved accessories

RF Exposure

Health and safety information

Radio Frequency (RF) Energy

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

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

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.682 W/kg and when worn on the body, as described in this user guide, is 0.609 W/kg (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

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

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

FCC ID: Q78-R1010.

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

holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

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

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

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

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

Distraction

Driving

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

Operating Machinery

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

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

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

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.

- Do not attempt to disassemble your phone or its accessories, only authorized personnel must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum - [5] and maximum + [50] degrees Celsius.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

Demagnetization

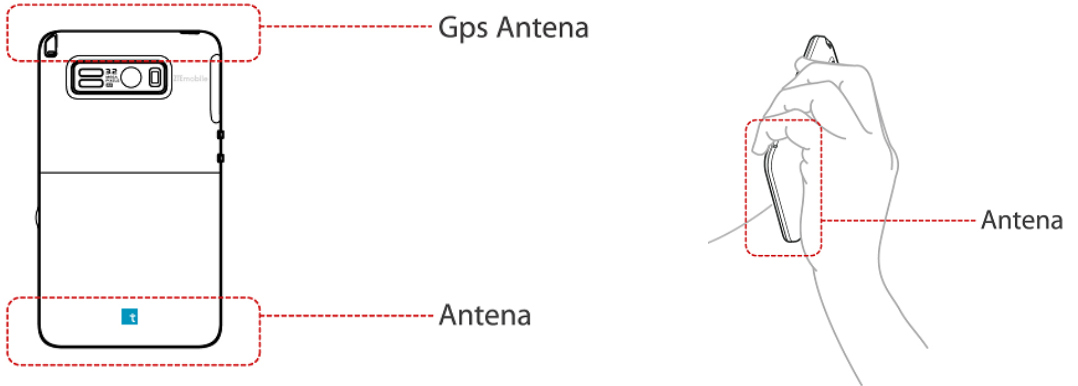
To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your phone for a long time.

Electrostatic discharge (ESD)

Do not touch the SIM card's metal connectors.

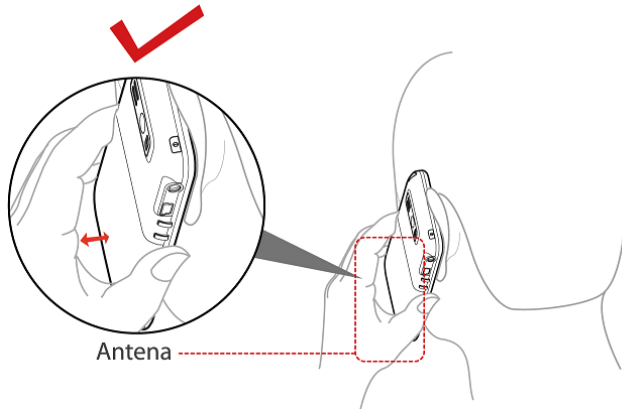
Antenna

Do not touch the antenna unnecessarily.



Normal Use Position

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



Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area. Store the phone safely before driving your vehicle.

Seizures/ Blackouts

The phone can produce a bright or flashing light.

Repetitive Motion Injuries

To minimize the risk of RSI when texting or playing games with your phone:

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

Emergency Calls

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

Loud Noise

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

Bright Light

The phone can produce a flashing light, so it can be used as a torch. However, do not use it too close to the eyes.

Phone Heating

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

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

Connection to a Car

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

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessory.

Only qualified personnel must service or repair the phone or its accessory.

If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service centre.

Interference

General Statement on Interface

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

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

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

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

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices on board the aircraft, if your device offers a 'flight mode' this must be enabled prior to boarding an aircraft.

Interference in Cars

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

Explosive Environments

Petrol Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.

Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

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

About Your R1010

The mobile device R1010 described in this manual is approved for use on the GSM850/900/1800/1900 and UMTS900/1900/2100 networks. If you need more information about GSM and UMTS networks, please get in touch with ZTE customer care or visit www.zte.com.cn

Your ZTE service number is +86-755-26779999.

When using the features in this device, obey all laws, respect the privacy and legitimate rights of others, including copyrights.

Copyright protections may prevent some images, music (including ring tones), and other content from being copied, modified, transferred, or forwarded.

Your R1010 supports the Internet connections and Bluetooth™. Like computers, your device may be exposed to viruses, malicious messages and applications, and other harmful content. Exercise caution and open messages, accept connectivity requests, download content and accept installations only from trustworthy sources. To increase the security of your device, you can consider installing appropriate antivirus software with a regular update service and using a firewall application.

Warning: To use any features including alarm clock in this device, the R1010 must be turned on. Do not turn the device on when your mobile device use may cause interference or danger.

Network Services

To use the phone you must have a service agreement with your service provider. Some of the features may require special network support and service provision. Contact your service provider for more detailed information.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as E-mail, browsing, multimedia messages and content downloading, require network support and service provisioning for these technologies.

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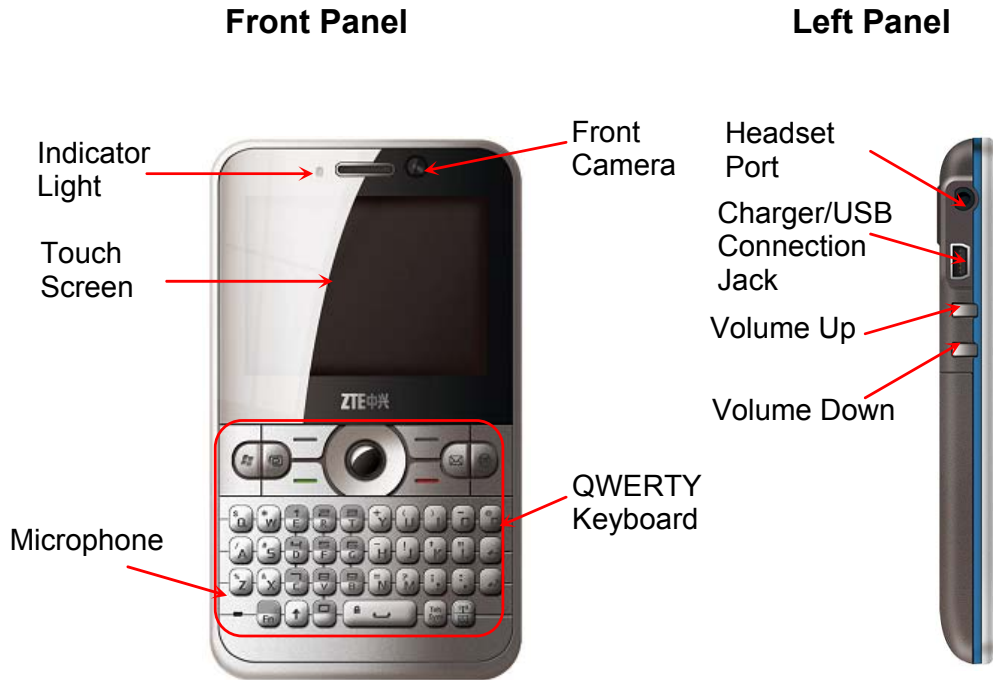
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1 Getting Started

1.1 Your Phone



Back Panel

Right Panel



Stylus

Back Camera

Speaker

Battery Cover






















Camera Key






Top Panel

Power

Key Definition


Key	Name	Function
	Start Key	Press to open the Start Menu (Equal to tapping  on the touch screen).
	Web Key	Press to go to the default home page.
	Messaging Key	<ul style="list-style-type: none"> Press to go to the Messaging function (Equal to tapping  >Programs>Messaging on the screen). Hold to open new SMS screen.
	OK Key	<ul style="list-style-type: none"> Press to confirm your data entries (Equal to tapping  on the touch screen). Press to exit the program in use (Equal to tapping  on the touch screen).
	Navigation (Up/Down/Left/Right) Keys / Action Key	Use to scroll up, down, left, or right. Press the center Action Key to carry out the selection.
	Left Soft Key	Press to perform the command shown in the label above the key.
	Right Soft Key	Press to perform the command shown in the label above the key.
	Dial Key	Press to dial a phone number, answer a call, switch to another call, or put a call on hold.
	End Key	Press to end a call or return to Today screen.

Key	Name	Function
	Alphanumeric Keys	Use to enter numbers, characters or symbols. See <i>Getting Started-Entering and Searching Information-Key Functions</i> .
	Fn Key	Press to switch between the key functions (See <i>Getting Started-Entering and Searching Information-Key Functions</i> .): <ul style="list-style-type: none"> • Press Fn Key once and sequentially press the other one key to get the second function of it. Then press the other keys to get the first functions. • Press Fn Key and the other one key at the same time to get the second function of it. • Press Fn Key twice and then press the other keys to get the second functions of them. If you want to get the first functions, press Fn Key once again.
	Shortcut Key	<ul style="list-style-type: none"> • Press to open Wireless Manager. • Hold to open Task Manager. This shortcut key can be assigned in  > Settings >Personal tab>Buttons .
	Backspace Key	Press to backspace over characters.
	Enter Key	Press to enter the next line when entering text.

Key	Name	Function
	Comma/semicolon Key	Use to enter a comma or semicolon. See <i>Getting Started-Entering and Searching Information-Key Functions</i> .
	Period/ colon Key	Use to enter a period or colon. See <i>Getting Started-Entering and Searching Information-Key Functions</i> .
	Shift Key	Hold to switch between uppercase and lowercase.
	Sym /Tab Key	Press to open the symbols panel/enter a tab symbol. See <i>Getting Started-Entering and Searching Information-Key Functions</i> .
	Space/ Lock Key	Use to enter spaces or lock the keyboard. See <i>Getting Started-Entering and Searching Information-Key Functions</i> .

Notes:

- In this manual "press a key" means you press a key and then release it, and "hold a key" means you press a key and hold on for two seconds or more.
- You can use both pressing the keys on your keyboard and tapping the screen to enter some menus. In this manual, the most convenient methods in procedures are introduced.

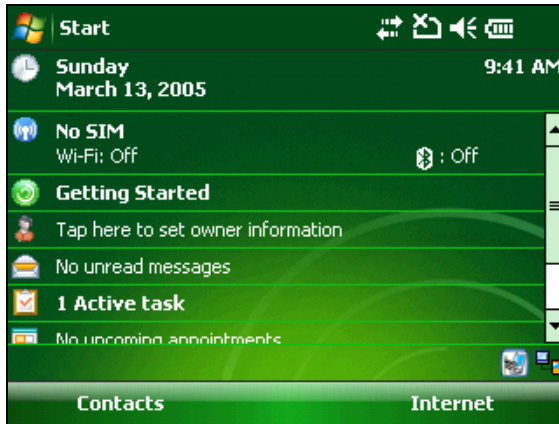
For example, in the section "**Customize the Today Screen**": "tap  >**Settings**>**Today**" is the most convenient method. You can also use the following method to realize the same function:

- a) Press **Start Key** to open the **Start** menu.
- b) Use your **Navigation Keys** to select **Settings**.
- c) Press **Action Key** to open the **Settings** menu.
- d) Use **Navigation Keys** to select **Today**.

e) Press **Action Key** to open the **Today** menu.

Today Screen

Today Screen Displays



The Today screen appears when you turn on the phone.

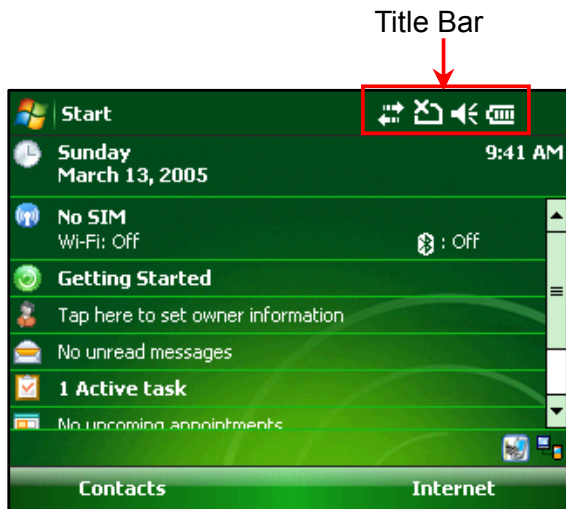
Use **Navigation Keys** or tap on the scroll bar to scroll down the Today screen to see more information.

The default Today screen displays important information, such as:




















- Current date and local time.
- Wireless Manager.
- Upcoming appointments.
- Number of unread messages.
- Device unlocked.


















Tip: You can customize the view of Today screen. For more information, see *Setting Up Your Device – Customizing the Display- Customize the Today screen*.







Common Status Indicators on the Title Bar of the Today Screen



Indicator	What it means
	Missed call
	New message
	New mail
	Receiving MMS message
	New MMS message received
	Sending MMS message
	MMS message sent

Indicator	What it means
	Cannot send MMS message
	Bluetooth connection is active
	Bluetooth partnership is created
	New Windows Live™ message
	Calls are forwarded
	Roaming
	Vibrate mode
	Sound off
	Sound on
	Speakerphone on
	Bluetooth headset detected
	Bluetooth headset playing music
	Battery charging
	Battery full
	Battery low
	Maximum signal strength
	No phone service
	No signal
	Searching for phone service


Indicator	What it means
	Phone is turned off
	EDGE available
	GPRS available
	HSDPA available
	UMTS available
	GPRS connecting
	GPRS in use
	EDGE connecting
	EDGE in use
	HSDPA connecting
	HSDPA in use
	UMTS connecting
	UMTS in use
	Call on hold
	Voice call in progress
	No SIM card inserted
	Wi-Fi is on

Indicator	What it means
	Wi-Fi is connected
	Wi-Fi is connecting
	Synchronization in progress
	Connection is active
	Connection is not active
	Alarm

Start Menu

On the Today screen, tap **Start** to go to the Start menu. It shows the shortcuts for the software bundled with the phone and the application programs installed by the user. To run the programs:

- Tap the program you want to run.
- Use **Navigation Keys** to move through these application programs (see **Figure 1**), and press **Action Key** to run them.

Note: The Start menu is displayed in a normal size. If you want to change it to a larger or smaller size, tap  > **Settings>System tab>Screen>Text Size** tab, then slip the stylus to the left or right to adjust the text size.

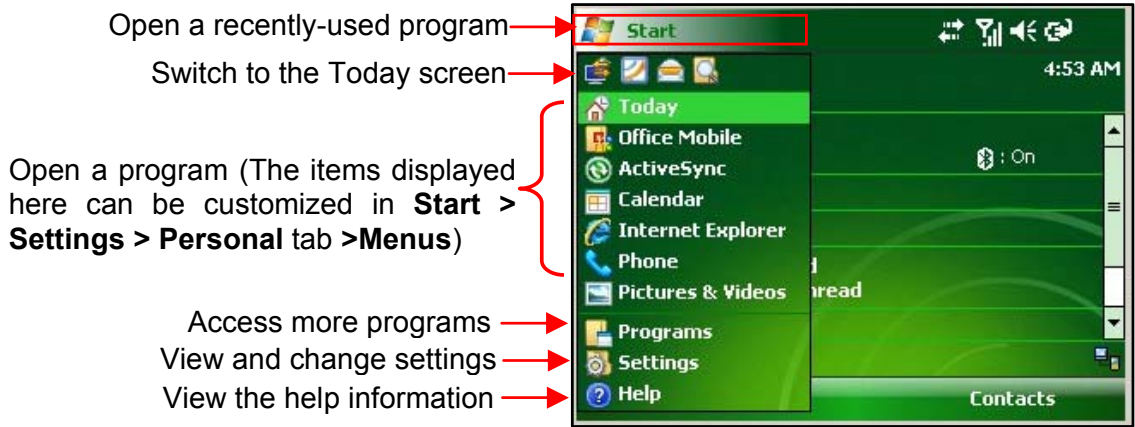




Figure 1

To return to the Today screen

At any screen, press **Start Key** or tap  to open the Start Menu and then select **Today** to go back to the Today screen so that you can run other tasks.

Note: You can also press **End Key** to return to the Today screen. If you press **End Key** during a call, however, the call will be ended.

Indicator Light

Detail	Description
Red (normal)	Charging
Green (normal)	Charging completed
Green (flashing)	Notifications of some events, such as missed calls, new instant message etc. These notifications can be set in  > Settings>Personal tab>Sounds & Notifications>Notifications tab .

1.2 Starting Up

Install the SIM/Micro SD Card and Battery

1. Hold your SIM card with the cut corner oriented as shown below and then insert it into the card holder properly. See **Figure 3**.
2. Hold your Micro SD card with the cut corner oriented as shown below and then insert it into the card holder properly. See **Figure 3**.
3. Insert the battery by aligning the gold contacts on the battery with the gold contacts in the battery compartment on the phone. Push down the battery until it clicks into place. See **Figure 4**.
4. Replace the battery cover and press it gently until you hear a click. See **Figure 5**.

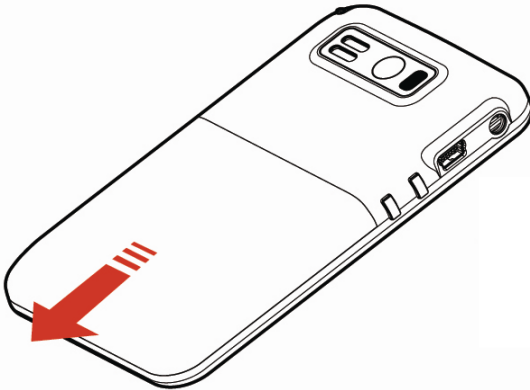


Figure 2

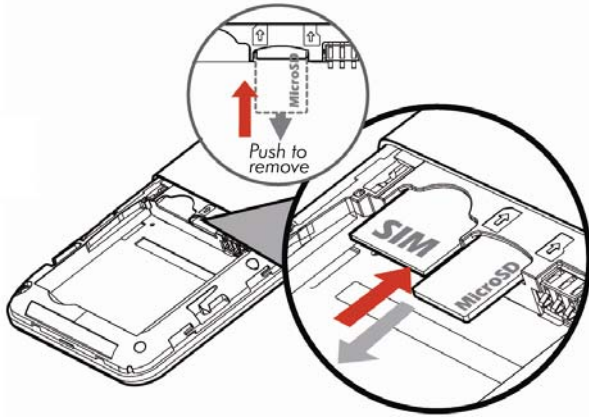


Figure 3

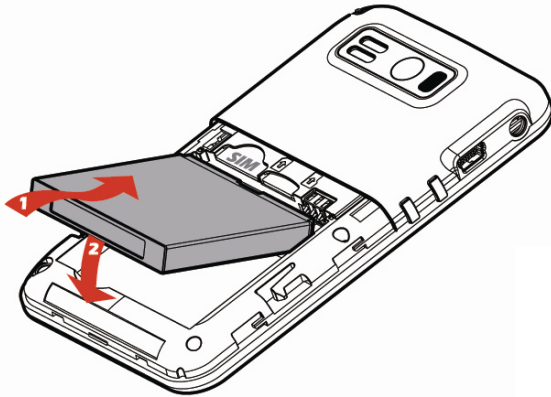


Figure 4

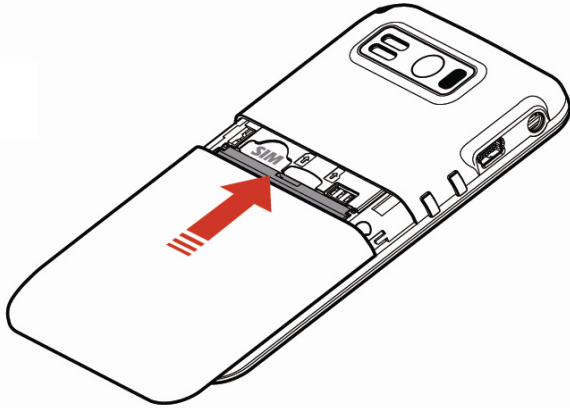


Figure 5

Remove the Battery and SIM/Micro SD Card

1. Make sure that your mobile phone is powered off.
2. Remove the battery cover. See **Figure 2**.
3. Pull the battery up and remove it from the mobile phone. See **Figure 6**.
4. Pull the SIM card out and remove it from the mobile phone. See **Figure 3**.
5. Push the Micro SD card so it clicks out.
6. Slide down gently and remove the Micro SD card from the slot. See **Figure 3**.

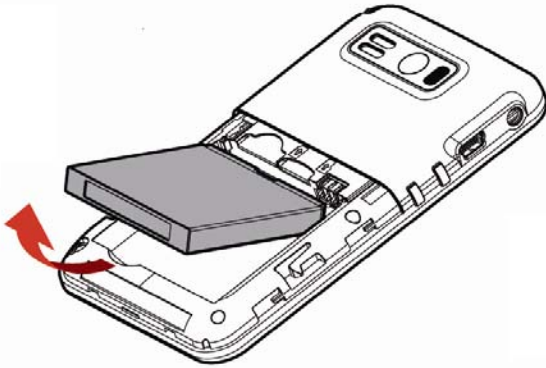


Figure 6

Cautions for using SIM/Micro SD card



- Do not touch the metal contacts on the card with hands or metal objects.
- Use a soft cloth to clean the card.
- Keep the card out of the reach of the children.

Charge the Battery

The new battery is not fully charged. To charge the battery, you need to:

1. Connect the adapter to the adapter slot. See **Figure7**.
2. Connect the charger to a standard AC wall outlet.

If battery is low, there will be a pop-up message on the screen and the indicator light will be green and flashing.

When charging, the indicator light will be red. When charging in the power-on mode, the icon  appears on the title bar of the Today screen. When charging is completed, the battery indicator  appears on the title bar.

Disconnect the charger when the battery is fully charged.

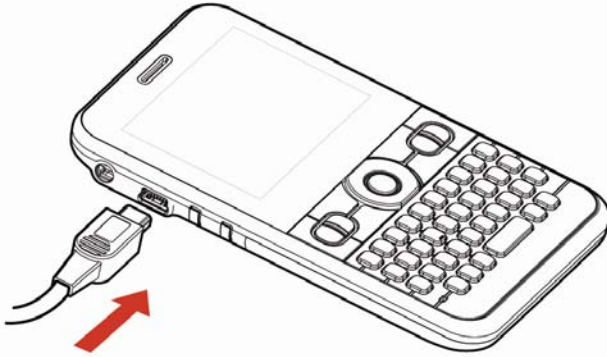


Figure 7

Power On/Off Your Phone

Make sure that your (U)SIM card is in your mobile phone and the battery is charged. Hold the **Power Key** to power on/off the phone. The phone will automatically search for the network after it is powered on.

When you first power on your R1010 after you purchase it or reset it to factory (see *Setting Up Your Device- Basic Settings-Reset to Factory Settings*), you need to calibrate the screen (see *Setting Up Your Device- Basic Settings- Calibrate the Screen*) and select your time zone (see *Setting Up Your Device- Basic Settings-Set the time and date*).

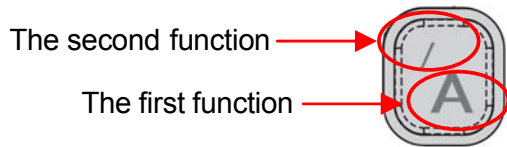
Note: You may need to enter the PIN (Personal Identification Number) code if you have enabled the (U)SIM PIN. (See *Setting Up Your Device- Setting Up Security-Secure the (U)SIM Function-Enable the (U)SIM PIN*.)

1.3 Entering and Searching Information

When you enter a field that needs text or numbers, you can use the QWERTY hardware keypad or one of the onscreen input methods to enter information.

Key functions

The **Alphanumeric Keys**, **Comma/ semicolon Key**, **Period/ colon Key**, **Sym/ Tab Key** and **Space/ Lock Key** have two functions. The functions shown on the lower part of the keys are called the first functions, and those shown on the upper part of the keys are called the second functions.



Alphanumeric Keys

- The first function: Press the keys to enter the letters shown on the lower part of the keys.
- The second function: Press the keys to enter symbols or numbers shown on the upper part of the keys.

Comma/ semicolon Key

- The first function: Comma Key, press to enter commas.
- The second function: Semicolon Key, press to enter semicolons.

Period/ colon Key

- The first function: Period Key, press to enter periods.
- The second function: Colon Key, press to enter colons.

Sym/Tab Key

- The first function: Sym Key, press to open the symbol panel.
- The second function: Tab Key, press to enter a tab symbol.

Space/ Lock Key

- The first function: Press to enter a space.
- The second function: Press to lock the keyboard.

Using the QWERTY Hardware Keyboard

You can enter text, numbers, and symbols by using the QWERTY keyboard. When you enter a field that needs text or numbers, the phone automatically selects the alphabetic input mode. In this mode, you can:

- Use **Alphanumeric Keys** to enter lowercase letters.
- Press **Shift Key** twice, and then use the corresponding alphanumeric keys to enter uppercase letters.
- Press **Sym Key** to open the symbol pad, and then select the required symbol to enter.
- Press **Comma Key** or **Period Key** to enter a comma or a period.
- Press **Backspace Key** to delete a single character, and hold this key to clear all inputs.
- Press **Enter Key** to turn to the next line.
- Press **Space Key** to input a space.
- Press **Fn Key** to switch between the first and second functions of the keys (See *Getting Started-Your Phone-Key Definition- Fn Key*).
- Press **Tab Key** to enter a tab symbol or jump to the next input text field.
- Press **Alphanumeric Keys** to enter the corresponding numbers or symbols.
- Press **Semicolon Key** or **Colon Key** to enter a semicolon or a colon.

Onscreen Input Methods

When you enter a field that needs text or numbers, the **Input Panel** will be available on the bottom of the touch screen.

Tap the **Input Selector** arrow (that appears next to the **Input Panel** icon) to open a menu. In this menu, you can select or customize a text input method. The corresponding **Input Panel** will be displayed after selecting a text input method, and then you can use it to enter text or numbers.

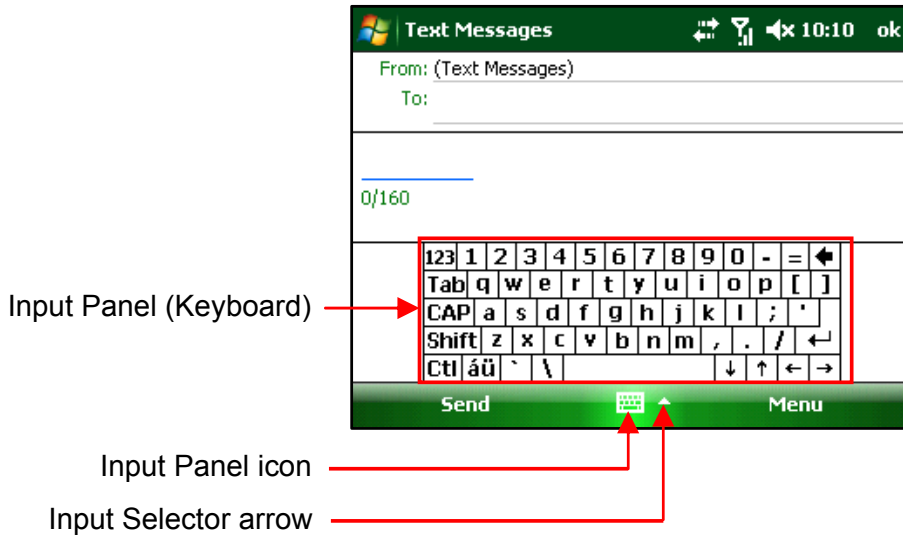


Figure 8

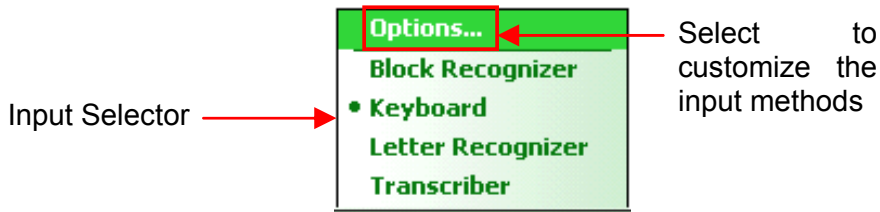








Figure 9

Entering Text or Numbers through Touch Keyboard

With the enlarged keys and input enhancement, you can type faster and more accurately using the touch Keyboard.

To use the touch Keyboard:

- Enter a field that needs text or numbers.
- Tap the default input panel icon  to get the touch Keyboard. See Picture ① of **Figure 10**.

- Tap a~z to enter lowercase letters.
- Tap **Sym Key** to open symbols panel. From this panel, you can press  Key,  Key,  Key,  Key or  Key to search for special characters.

Note: When composing sentences, the first letter of the new sentence will be capitalized automatically.

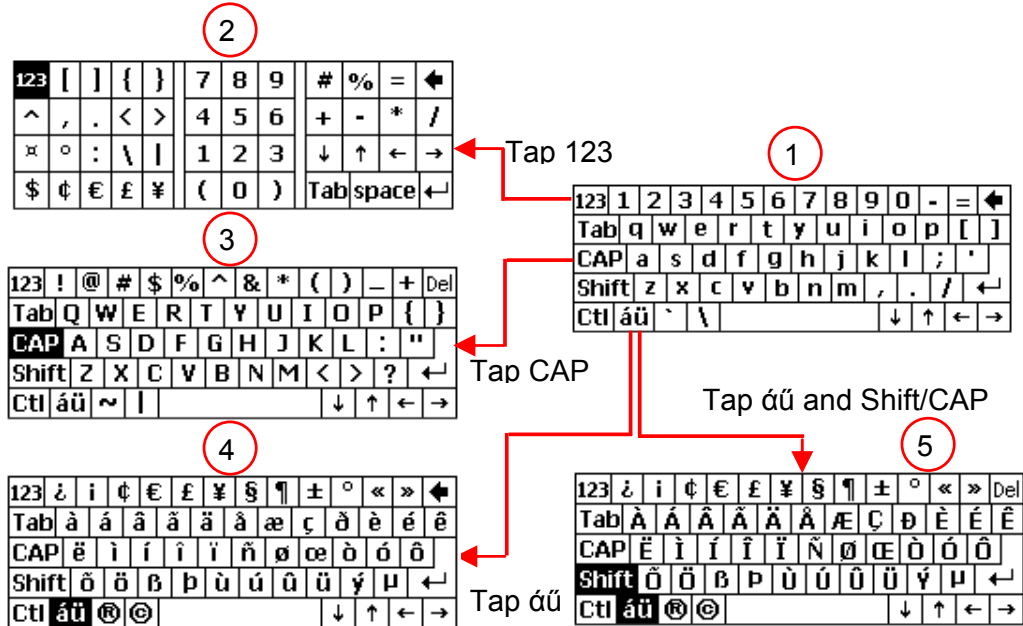





Figure 10

- Tap **CAP Key** to get the uppercase touch keyboard (See Picture ③ of **Figure10**) and enter uppercase letters or symbols.
- Tap **CAP/Shift Key** to switch between uppercase and lowercase.
- Tap the keys 0~9 to enter numbers, or
- Tap **123 Key** to get the number touch keyboard (See Picture ② of **Figure10**) and enter numbers or calculating symbols.
- Tap **123 Key** again to return to the default keyboard screen (See Picture ① of **Figure 10**).
- Tap **áü Key** to get to the keyboard just as shown in Picture ④ of **Figure10**.

- Tap the corresponding letters or symbols to enter them or tap **CAP/Shift Keys** to get the screen shown in Picture ⑤ of **Figure 10** to enter the uppercase letters.
- Tap **CAP/Shift Key** to switch between uppercase and lowercase.
- Tap **Tab Key** to enter the tab symbol.
- Tap **Ctrl Key** and some other keys to do some corresponding operations. For example, you can use **Ctrl** and **C Key** to copy the text:
 - (1) Tap **Ctrl Key**.
 - (2) Slip your stylus to select the text that you want to copy.
 - (3) Tap **C Key**.

Searching Information












You can search for files and other items stored in My Documents folder or on an installed storage card. You can search by file name or by words located in the item.

1. Tap  >Programs>Search.
2. In the **Search for** field, you can:
 - Enter the file name, word, or other information.
 - Tap the  icon and select one item that you have searched before.
3. In the **Type** field, you can tap the  icon and select a data type from the list.
4. Tap **Search**.
5. In the Results list, tap the item you want.












1.4 Functions and Features Preview










Your R1010 has lots of functions. The following are programs that are preinstalled on your device.

Programs in the Start Menu


Icons		Description
		
		Excel Mobile Microsoft® Office Excel® Mobile enables you to edit and view your Excel worksheets.
		OneNote Mobile Microsoft® Office OneNote® Mobile enables you to edit and view your OneNote files.
		PowerPoint Mobile Microsoft® Office PowerPoint® Mobile enables you to view your PowerPoint presentations.
		Word Mobile Microsoft® Office Word Mobile enables you to edit and view your Word documents and text files.
	ActiveSync Synchronize information between your device and a PC.	
	Calendar Enables you to schedule appointments, including meetings and other events.	
	Internet Explorer Enables you to browse the web and WAP sites or download programs or files from the internet.	
	Phone Enables you to make and receive calls, set up speed dial calling.	
	Pictures & Videos View, manage, send or beam your pictures and videos.	

Programs Screen










Icons	Description
	Games Play the two preinstalled games: Bubble Breaker and Solitaire.
	Calculator Perform the basic calculating functions, such as addition, subtraction, multiplication, division, extraction and so on.
	Camera Enables you to capture photos or shoot video clips.
	Contacts Enables you to manage your friends and colleagues.
	File Explorer Organize and manage your files on the device.
	FM Radio Search for radio channels, listen to them, and save them on your device.
	SIMMgr Manage the contacts that are stored in your SIM card.
	Task Manager View and manage all the running programs on your device.
	Getting Started Get the basic operations guide of the device: Make a call, Set date and time, Set up E-mail, Set up a device password, Set up a Bluetooth headset, Set background, Set ring tone, Transfer music and Add/remove Getting Started.
	JAVA Download and install JAVA applications on your device.
	Messaging Enables you to send and receive SMS, MMS messages and E-mails.

Icons	Description
	Messenger Send and receive instant messages through the Windows Live Messenger.
	Notes Create handwriting or typed notes and voice recordings to send or beam to other devices.
	Internet Sharing Connect your PC to the internet through the data connection of your device.
	PDF View PDF (Portable Document Format) files on your device.
	Search Search Notes, Help, Messaging, Tasks or other information on your device.
	Streaming Player Lets you stream live broadcasts or on-demand media content from the Web.
	Tasks View and manage your tasks on your device.
	Windows Live Find information on the Web through the mobile version of Windows Live™. You can also sign into your Windows Live account to access your Live Mail messages and send/receive instant messages in Live Messenger.
	Windows Media Play the audio or video files on your device through Windows Media.











1.5 Device Settings Preview









You can adjust the device settings to suit the way you like. Tap  > **Settings>Personal/System/Connections** tab to view all the settings on your device.

Personal tab



Icons	Description
	2G/3G Select a network type according to your device service.
	Lock Set a password of your device.
	Buttons Assign a program or function to a hardware button.
	Input Set the options of each input method.
	Today Customize the appearance and items of the Today screen.
	Menus Select the programs that appear in the Start Menu.
	Owner Information Enter your personal information to your device.
	Sounds & Notifications Enable the sounds for events, notifications etc. and set the type of notifications for different events.
	Phone Customize the phone settings such as the ring tone, PIN code of your (U)SIM card, Call services, video phone settings and more.






System tab

Icons	Description
	About View the basic information of your device.
	Certificates Set the information of certificates that are installed on your device.
	Customer Feedback Send customer feedback to make Windows Mobile software better.
	Regional Settings Set the regional configuration to use, including the format for displaying numbers, currency, date, and time on your device.
	Screen Align the screen. You can also clear type and adjust the text size.
	Encryption Encrypt files on your storage card.
	Power Check the power station of your battery. You can also set the timeout for turning of the device to conserve battery power.
	Task Manager View the currently running programs information and you can select to end them.
	External GPS Set the appropriate GPS communication ports.
	OEM's information View the OEM's information of your device.

Icons	Description
	Memory View the storage and program memory information of your device and storage card.
	Managed Programs View the installation history of managed programs.
	Error Reporting Enable and disable the device's error reporting function.
	Clock & Alarms Set the time and date of your device. You can also set the alarms at specified days and times of a week.
	Remove Programs Remove programs that you installed on your device.
	Reset Factory Reset your device to factory settings.
	Backlight Set the backlight timeout and adjust the backlight.
	Windows Update Update Windows Mobile® on your device with the latest updates.

Connections tab

Icons	Description
	Bluetooth Turn Bluetooth on, set your device to be visible and search for other Bluetooth devices.
	Wireless Manager Turn on wireless services: Wi-Fi, Bluetooth or

Icons	Description
	Phone services. You can also get quick access to the wireless service settings.
	Domain Enroll Connect your device with company resources. You will need to enrollment password provided by your system administrator.
	Connections Set up one or more types of modem connections for your device, such as phone dial-up, GPRS, and more, so that your device can connect to the Internet or a private local network.
	Beam Set your device to receive all incoming beams.
	USB to PC Change the type of the USB connection.
	Wi-Fi Configure wireless networks and the network adapters. You can also search for networks detected.

2 Using the Phone



2.1 Overview of Phone

You can use **Phone** to make phone calls, set up speed dials, keep track of calls, and send messages. Your wireless service provider may also provide other useful services such as voice mail, call barring, call forwarding, call waiting, fixed dialing and caller ID. The integrated phone on your device can also be used to connect your device to an ISP or work network so you can browse the web and read E-mail. You can connect to the Internet or work network using a cellular line.



2.2 Starting the Phone Function

Disable & Enable Phone Function

When using this phone, you can control wireless functions. When the phone function is off, you will not be able to receive calls, send/receive messages, or use GPRS to connect to wireless mobile network. But other handset functions such as browsing the calendar, listening to music, or playing games, can still be used.

1. Tap the  icon on the Today screen, or select  > **Settings > Connections** tab > **Wireless Manager** to open the wireless manager.
2. Tap **Phone** on the Wireless Manager screen.

-or-

Use **Navigation Keys** to select **Phone** and press **Action Key** to select **On** to enable the phone function, or select **Off** to disable the phone function. The title bar will display  for On or  for Off.

Note: Under certain circumstances (such as on a plane), you may need to turn off the phone function.

Open the Phone Screen

From the Phone screen, you can view the speed dial list, open call, send text message or find a contact, and even save a new number into Contacts. There are several ways to

access the Phone screen:

- Press **Dial Key**.
- Enter the phone number on Today screen.
- Press **Start Key**, select **Phone** and press **Action Key**.
- Tap  >**Phone**.

Enter SIM PIN

Each time you power on the phone or activate the phone function, you will need to enter the SIM card PIN provided by your network service provider if you have enabled the PIN code (See *Setting Up Your Device-Setting Up Security- Secure the (U)SIM Function-Enable the (U)SIM PIN*).

Enter the phone's SIM PIN code and press **Enter**. Wait for the phone to verify the PIN code.

Warning: If you enter your PIN incorrectly for three times, the SIM card will be locked automatically. Contact your service provider to obtain the PIN Unlocking Key (PUK) code to unlock the SIM card.

2.3 Locking/Unlocking Your Device

Lock your device



You can lock the keypad to avoid pressing keys accidentally, and to prevent unauthorized actions on the device while not carrying it. When the keypad is locked, you will still receive phone call notifications and see appointments reminders.

1. Open the Today screen, if necessary.
2. Tap **Device unlocked**.

You can also use the keyboard to lock your device:

1. Press **Fn Key** once.
2. Press **Space Key**.

Tips:

- The lock icon  will change to a closed lock .
- You can still receive calls and make emergency calls when the keypad is locked.

Unlock your device

1. At the bottom of the Today screen, tap **Unlock**.
2. Tap **Unlock** again.

You can also use the keyboard to unlock your device:

1. Press **Left Soft Key**.
2. Press  **Key**.

2.4 Making a Call

Make a Call by entering a phone number

1. Enter phone numbers you want to call on the Today screen or the Phone screen.
2. If you make a mistake, press **Backspace Key** to erase the last digit, hold this key to clear all digits. Your phone automatically lists the matched contacts.
3. Press **Dial Key** or tap **Keypad >Talk** to call.
4. Press **End Key** or tap **End** to end the call.

Make a Call by entering a contact name

1. Open the Phone screen (See *Using the Phone – Starting the Phone Function-Open the Phone Screen*).
2. Use a text input method to enter the contact's first or last name (See *Getting Started-Entering and Searching Information*).
3. When the contact appears in the list, tap it and then tap **Call** or select it and press **Dial Key**.


Make a Call from a hyperlink phone number

You may quickly dial a phone number from an E-mail or text message that contains a hyperlink phone number. A hyperlink phone number is underlined in the same manner as a web site address.

1. Tap  **>Programs>Messaging**, and then select **Messages**.

2. Scroll to the message that contains the phone number you want to call.
3. Tap the message to open it.
4. Tap the hyperlink phone number in the message.
5. Verify that the phone number is correct. If necessary, add the country code or area code.
6. Tap **Call**.

Make a Call from the Contact list

1. On Today screen, tap **Contacts** or tap  > **Programs>Contacts**.
2. Tap the contact you wish to call, or select it and press **Dial Key**.

Note: If there is more than one number for the contact, tap the number you want to call.

Make a Call from Call History

1. Open the Phone Screen (See *Using the Phone –Starting the Phone Function - Open the Phone Screen*).
2. Tap **Keypad >Call History**.
3. Tap the recently dialed or received contact from the list. You can scroll down the list to see more call history.
4. Tap the number you want to call and tap **Call**, or select the number and press **Dial Key**.

Make a conference call

You can create a phone session between yourself and two or more other parties.

1. Call the first number.
2. While you are connected to the first number, tap **Hold**.
3. Call the second number.
4. Tap **Menu>Conference**.
5. To add another party, tap **Hold**, dial the number, then tap **Menu>Conference**.


Note: If you want to talk to one of the parties privately during the conference call, tap **Menu>Private**. To include everyone in the call again, tap **Menu>Conference**.

Make Emergency Calls

On the Today screen or Phone screen, enter the emergency number for your location, and then tap **Keypad>Talk** or press **Dial Key**. It is possible to dial emergency numbers when the keypad is locked or the (U)SIM card is not inserted.

(U)SIM card may store other emergency numbers. Contact your service provider if you need more information.

Make International Calls

1. On the Today screen or Phone screen, press  **Key** to enter “+”.
2. Enter the full phone number.
3. Tap **Keypad > Talk** or press **Dial key**.

For example: +49-123-12345678 in the following format: +country code-area code-phone number.

Make Speed Dial


Press and hold the speed key to call on the Today screen. You can set speed dial entries/shortcuts for the frequently dialed contact numbers.

Set Speed dial

Before you create a Speed Dial entry, the number must already exist in Contacts.

1. From the Phone screen, tap **Menu>Speed dial**.
2. Tap **Menu>New**.
3. Select a contact that you want to set speed dial, or tap **Menu>New Contact** to add the number you want to set speed dial to your Contacts.
4. Tap the arrow behind **Location** to select a number key.
5. Tap **OK**.

Call a voice mailbox

- On the Today screen or Phone screen, Hold  **Key**.
- Tap and hold **1** on the phone keypad.

Notes:

- If you are out of range of a phone line when voice mail arrives, you will be notified that you have voice mail the next time that you are able to receive calls on that line.
- If you have more than one phone line, the voice mailbox that you reach will be determined as follows:
 - a) If only one voice mailbox has new voice mail, you will reach that mailbox.
 - b) If more than one voice mail has new voice mail, you will reach line 1 first, then line 2.
 - c) If you have no unread voice mail, you will reach the voice mailbox.


2.5 Receiving a Call

Answering or Ignoring a first Incoming Call

When there is an incoming call, the phone will display the information on the screen.

- To answer, press **Dial Key**, **Left Soft Key** or tap **Answer**.
- To ignore, tap **Ignore** or press **End Key** or **Right Soft Key**.

Tips:

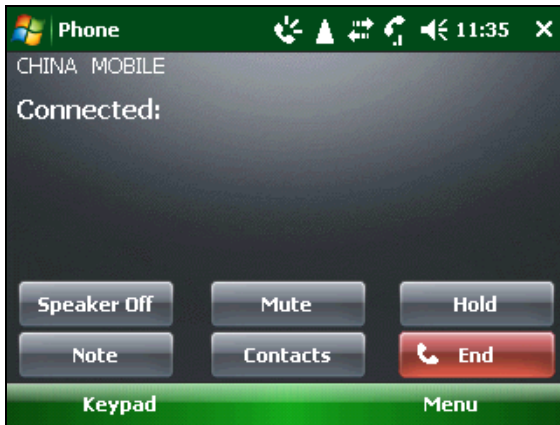
- You can use other programs on your device during a call. To switch quickly back to phone, press **Dial Key** or tap  **>Phone**. To end the call, Press **End Key**.
- When someone not in your list of contacts calls you, you can create a contact during the call or from the call history by tapping **Menu>Save to Contacts**.

Answering or postponing a second call

- Press **Dial Key** or tap **Answer** to put the first call on hold and answer the second call. Tap **Swap** to switch between calls.
- Tap **Ignore** to postpone answering the call.

Put a call on hold

During a call, you can put a call on hold so that you can call another number or answer an incoming call. If you have more than one call on the line, you can move from one call to the other.



- Tap **Hold** to put a call on hold, or
- Hold **Dial Key**.

Forward calls

You can use Call Forwarding to forward all incoming calls to a different number.

1. Open the Phone screen (See *Using the Phone-Starting the Phone Function -Open the Phone screen*).
2. Tap **Menu>Options>Services** tab.
3. Select **Call Forwarding** and tap **Get Settings**.
4. Select **Forward all incoming phone calls** and enter the phone number that is to receive forward calls.



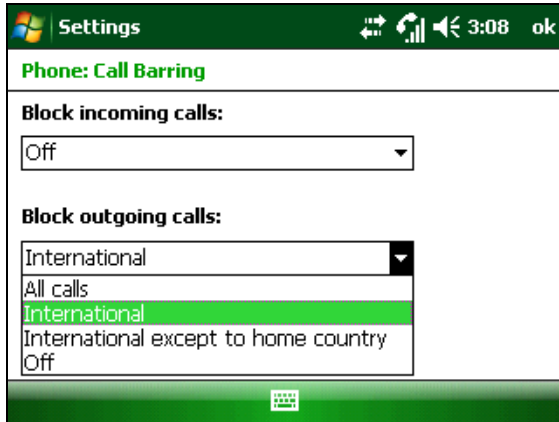
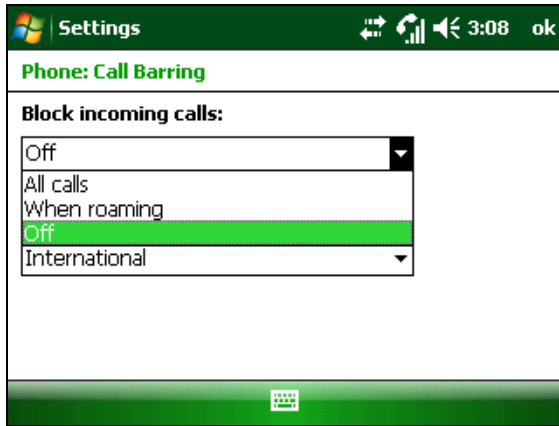
You can also use Call forward to forward incoming calls to a different number based on your situation:

- Select **No answer** to forward calls only when you cannot answer your call.
- Select **Unavailable** to forward calls only when your phone is turned off or you are unreachable.
- Select **Busy** to forward calls when the line is busy.

Block calls

You can use Call Barring to block certain types of incoming and/or outgoing calls.

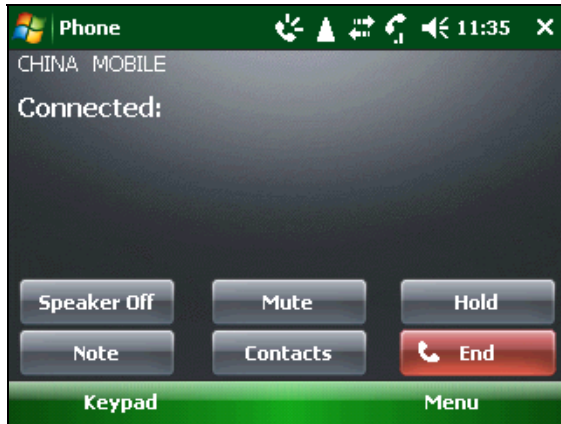
1. Open the Phone screen (See *Using the Phone-Starting the Phone Function -Open the Phone screen*).
2. Tap **Menu>Options>Services** tab.
3. Select **Call Barring** and tap **Get Settings**.




4. Select the type of incoming and/or outgoing calls you want to block.

Mute a call

During a call, you can mute your microphone so that the person with whom you are speaking cannot hear you, but you can still hear him or her.




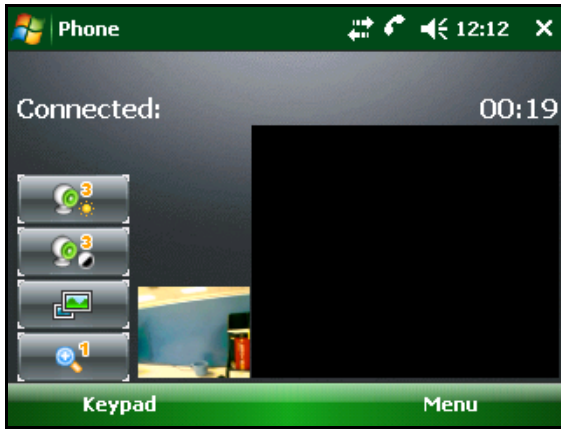
- Tap **Mute** to mute your call.
- When the microphone is turned off, the mute icon  appears on the screen. Tap **Unmute** to turn on the microphone again.

2.6 Making a Video Call

Your device allows you to make video calls when you are within a 3G network coverage area. You need to use a (U)SIM card to make video calls.

Make a video call





On the phone keypad, tap the phone number to call, and then tap .



Note: The other party's image will appear on the screen after a connection is established.

Change video call settings

While on a video call, you can change certain settings such as the size of the image, brightness of the image, the camera to use, and more.

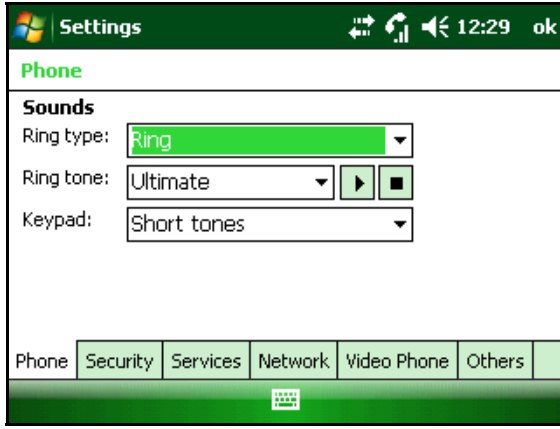
- Tap  to adjust the brightness.
- Tap  to adjust the color of the image.
- Tap  to change the local or the far-away image as the current image.
- Tap  to zoom in the current image.

Set up Video call options




When you are on the video call, you can tap **Menu** to do the following operations:

- **Mute:** Mute the call.
- **Open/Close camera:** Open or close the camera.
- **Switch the camera:** Switch between the front and back camera.
- **Save to Contacts:** Save the current number to your Contacts.
- **Create Note:** Create a Note while answering the call.
- **Call History:** Tap to view the call history.
- **Speed dial:** Set speed dial of a contact number.
- **Options:** View and change the settings of video call.
 - a) **Phone:** View and the change the Sounds of your video call.
 - b) **Security:** View and change the security settings of your video call.
 - c) **Services:** View and change your desired Services.
 - d) **Network:** View and change your network settings.
 - e) **Video Phone:** View and change the video phone settings.
 - f) **Others:** View and change other settings.



2.7 Using SIM Card Services (STK)

STK appears on the screen only if your (U)SIM card provides this function. To use the (U)SIM card services, insert your (U)SIM card into the phone at first.

Tap  >**Programs** >**STK**. The displayed name on the STK Service is provided by your network service. For example, if you insert a (U)SIM card provided by ZTE, the displayed name on the STK service will be **Menu ZTE**.


(U)SIM card information services rely on your networks. Please contact with your service provider for detailed information.

3 Setting Up Your Device

3.1 Basic Settings


Enter owner information

When you store your owner information on your device and display it on your screen, you make it easier for someone to return your device to you if it is lost.

1. Tap  >**Settings**>**Personal** tab>**Owner Information**.
2. On the **Identification** tab, enter your personal information.

Tip: If owner information is displayed on the Today screen (*See Setting Up Your Device-Customizing the Display-Customize the Today screen*), you can open and edit the information directly from the Today screen. Just tap that section of screen.


Set the time and date


1. Tap  >**Settings**>**System** tab> **Clock & Alarms**.
2. On the **Time** tab, select the correct time zone and set the date and time.

Tip: If Date is displayed on the Today screen (*See Setting Up Your Device-Customizing the Display-Customize the Today screen*), you can open and edit the information directly from the Today screen. Just tap that section of screen and then select **Time** tab to set the time and date.

Note: During synchronization, the time on your device is updated with the time on your PC.

Set alarms

1. Open **Clock & Alarms** by doing one of the following:
 - On the Today screen, tap the date area and select **Alarms** tab if necessary.
 - Tap  >**Settings**>**System** tab> **Clock & Alarms**> **Alarms** tab.
2. Tap <**Description**> and enter a name for the alarm.


3. Tap the day of the week for the alarm, you can select multiple days by tapping each desired day.
4. Tap the time to open a clock and set the time for the alarm:
 - To enter the time from the clock: use your stylus to drag the minute or hour hand.
 - To enter the time from the box, tap hour or minute. Then either tap the up or down arrows, or use the text input panel to enter a number.
 - Tap AM or PM to change that value.
5. Tap  to specify the type of the alarm you want. You can choose a flashing light, a single sound, a repeating sound, or vibration.
6. If you choose to play a sound, tap the list next to the Play sound check box, and tap the sound you want.

Power Management

Change power settings


You can specify when or whether your device turns off to conserve battery power. You can specify one setting for while the device is plugged into an external power source and another for while it is using the battery.


For optimal conservation, specify 3 minutes or less.

1. Tap  >**Settings**>**System** tab>**Power**.
2. Tap **Advanced** tab.
3. Select the check box for each condition where you want the device to turn off automatically. Then select the time interval.

Make the battery last longer


How long your battery last depends on battery type and how you use your device. Try the following to help preserve battery life.

- Tap  >**Settings**>**System** tab>**Power**. On the Advanced tab, you can specify when your device turns off to conserve battery (See *Setting Up Your Device –Basic Settings –Power Management –Change power settings*).
- Use the AC adapter to plug your device into external power wherever possible, especially when using a modem or other peripherals.

- Adjust the backlight settings (See Setting Up Your Device- Customizing the Display - Set the backlight to dim after a time delay).
- Searching for networks consumes a lot of power. When you know you are out of range of your Wi-Fi networks, turn Wi-Fi off (See *Getting Connected – Connecting to the Internet -Turn on/off the Wi-Fi connection*).
- Turn Bluetooth off when you are not using it (See Getting Connected – Bluetooth - Turn on/off Bluetooth).
- Make the device visible to the other devices only when you are trying to establish a Bluetooth partnership (See *Getting Connected – Bluetooth - Make your device visible*).
- Select the **Receive all incoming beams** setting only while you are trying to receive beamed files. To find this setting, tap  >Settings>Connections>Beam.
- Lower the volume by pressing **Volume Down Key** (See the **Left Panel of Your Phone**).

Change language and regional settings

Regional settings specify the style in which numbers, currency, dates, and times are displayed.


1. Tap  >Settings>System tab>Regional Settings.
2. On the **Region** tab, select your language and region.

The Region you select determines which options are selected by default on the other tabs. These default options are displayed on the Region tab under the list box.

3. To change the other options from the defaults, tap the other tabs such as **Number**, **Currency**, **Time** and **Date** to change the settings.

Set Events Notifications

Specify the sound for an event


1. Tap  >Settings>Personal tab>Sounds & Notifications.
2. On the **Sounds** tab, choose how you want to be notified by selecting the appropriate check boxes.

3. On the **Notifications** tab, in **Event**, tap an event name and choose how you want to be notified by selecting the appropriate check boxes. You can choose from several options, such as a special sound, a message, or a flashing light. If you clear all of the options, you will still see an icon notifying you of the event.

Note: Turning off sounds and the flashing light helps conserve battery power.

Select the Network Type

The GSM and WCDMA services are supported by your device. You can set the network type according to your phone service.

1. Tap  >**Settings**>**Personal** tab>**2G/3G**.
2. Select **AUTO**, **WCDMA** or **GSM**.

Set the ring tone

You can select a ring tone to notify you of incoming calls.


1. From the Phone screen, tap **Menu**>**Options...**>**Phone** tab.
2. In the **Ring type** list, tap the type you want.
3. In the **Ring tone** list, tap the sound you want to use.

Tip: To use custom, wav, mid, or wma files as ring tones, use ActiveSync on your PC or Bluetooth to copy the file to the **File Explorer/My Device / My Document** folder on your device. Then select the sound from the **Ring tone** list. For more information on copying files to your device, see ActiveSync Help.


Calibrate the Screen

Calibrating the touch screen involves tapping the center of a cross with the stylus as the cross moves around the screen. This process ensures that when you tap the screen with your stylus, the tapped item is activated.

If your device does not accurately respond to screen taps, follow these steps to recalibrate it:

1. Tap  > **Settings** > **System** tab > **Screen**.
2. On the **Alignment** tab, tap **Align Screen**, and then follow the onscreen instructions to complete the calibration.

Reset to Factory Settings


1. Tap  >**Settings**>**System** tab>**Reset Factory**.
2. Enter 1234.
3. Tap **OK**.

The phone will restart after reset.

Caution: After you reset your phone to factory settings, all the information and settings you have saved on your phone will be lost.

Set up Windows Update

The first time you use this function, you need to set up how you want Windows Update to check for and download important updates.

1. Tap  >**Settings**>**System** tab>**Windows Update**.
2. Tap **Next**.
3. Choose **Automatic** or **Manual** to check for and download important updates automatically or manually on the Microsoft Web site, and then tap **Next**.
4. Tap **Finish**.

If you have already chosen the method to check for important updates, you can tap **Menu**>**Change Schedule** to change.

After setting up Windows Update, it will connect to the Internet to download updates on your device with the latest security patches or fixes.


For more information, read the description on the Windows Update screen.

Set up Error Reporting

Tap  >**Settings**>**System** tab>**Error Reporting**. If enabled, the phone will remind you to send the error report to Microsoft Corporation.

For more information, read the description on the Error Reporting screen.


Set up Customer Feedback

Tap  >**Settings**>**System** tab>**Customer Feedback**, and then tap to choose **Send Feedback** or **Don't Send Feedback**. If you select **Send Feedback**, the phone will remind you to send a feedback to Microsoft Corporation.

For more information, read the description on the Customer Feedback screen.

3.2 Customizing the Display


Customize the Today screen

1. Tap  >**Settings**>**Personal** tab>**Today**.
2. On the **Appearance** tab, select the desired theme for the background of the Today screen.
3. On the **Items** tab, select the items you want to appear on the Today screen. To set the options of an item, highlight the item and tap **Options**. Not all items have options.

Tip: To change the order of items displayed on the Today screen, tap the item and tap **Move Up** or **Move Down**.


Add a custom background image

You can use one of your own pictures as the background image on the Today screen. Be aware that pictures can affect the readability of the text on the Today screen.

1. Tap  >**Settings**> **Personal** tab>**Today**.
2. Select the **Use this picture as the background** check box and tap **Browse** to view a list of your picture files.
3. In **Folder**, select the folder that contains the picture you want to use.
4. In **Type**, select the file type of the picture.
5. Tap the picture you want to use.
6. Tap **OK**.


Tip: When you use the camera to take a picture, you can tap **Menu**>**Set as Today Background**. When you do this, you can select the degree of transparency you want when the picture is used as a background image.

Increase or decrease the size of text on the screen


1. Tap  >**Settings**>**System** tab>**Screen**>**Text Size** tab.
2. Move the slider to increase or decrease the text size.

Set the backlight


Adjust brightness of backlight

1. Tap  >**Settings**>**System** tab>**Backlight**.
2. Tap **Adjust brightness** tab.
3. Move the slider to adjust the brightness.

Set the backlight to dim after a time delay


1. Tap  >**Settings**>**System** tab>**Backlight**.
2. Tap **Battery power** tab or **External power** tab.
3. Select **Turn off backlight if not used for** check box, and specify the time delay.

Set the keypad led

1. Tap  >**Settings**>**System** tab>**Backlight**.
2. Tap the **Keypad led** tab.
3. Select or clear the check boxes and set the time or interval.

3.3 Customizing the Start Menu

You can choose up to seven programs to always appear on the Start menu.


1. Tap  >**Settings**>**Personal** tab>**Menus**.
2. Select the programs you want on the Start Menu and clear the ones that you do not want.
3. Tap **OK**.

Note: You cannot remove the link to the Today screen that appears at the top of the **Start** menu. This link is not counted as one of the seven programs that will always appear on the **Start** menu.

3.4 Setting Up Security

Secure your device

You can protect your device from unauthorized use and protect your data in the following ways:


1. Protect your device with a password, which will be required to unlock the device. You can also set a time period after which your device will be locked automatically.
 - a) Tap  >**Settings**>**Personal** tab>**Lock**.
 - b) Select **Prompt if device unused for** check box, and in the box to the right select how long your device must be turned off before a password is required. If your administrator has set a minimum length of time, you can set a shorter time interval but not a longer time.
 - c) In the Password type box, select the type of password you would like to use. Enter the password and confirm it.
 - **Simple PIN:** Indicates a number password.
 - **Strong alphanumeric:** Indicates passwords that use uppercase and lowercase letters, numbers, and symbols such as punctuation.

If your device is configured to connect to a network, use a strong password to help protect network security.
 - d) On the **Hint** tab, enter a phrase that will help you remember your password, but does not allow others to guess your password.

The hint will be displayed after the wrong password is entered four times.
 - e) Tap **OK**.

The next time the device is turned on, you will be prompted to enter your password.


Cautions:

- To ensure you can make emergency calls, do not begin your password with digits of your local emergency number.
 - Each time a wrong password is entered, the time your device takes to respond will get longer and longer, until the device appears not to be responding.
2. Encrypt files as they are placed on a storage card, so that the files can be read only by using this device.
 - a) Tap  >**Settings**>**System** tab>**Encryption**.
 - b) Select **Encrypt files when placed on a storage card**.

Notes:

- If your organization enforces an encryption policy, you can see this setting but cannot change it.
- Encrypted files can be read only on the device that encrypted them.
- Encrypted files are opened just like other files, provided you are using the device that encrypted them. There is no separate step for you to take to read these files.

Change a password

1. Tap  >**Settings**>**Personal** tab>**Lock**.

You will be prompted to enter your current password.
2. In the **Password** box, enter your new password.
3. Enter the new password again in the **Confirm** box.
4. On the **Hint** tab, enter a phrase that will help you remember your new password, but that does not allow others to guess your password.

The hint will be displayed after the wrong password is entered four times.
5. Tap **OK**.

Secure the (U)SIM Function

You can set the PIN password to prevent others from using the (U)SIM function. The initial PIN code is provided by your service provider.

Enable the (U)SIM PIN

After the PIN code is activated, each time you turn on the phone, you have to enter the PIN code. Otherwise you can not use the functions of (U)SIM card. The PIN code is required before it is modified or cancelled. If you forget the PIN code, contact your service provider.

1. Open the Phone screen (See *Using the Phone-Starting the Phone Function -Open the Phone screen*).
2. Tap **Menu>Options>Security** tab.
3. Select **Require PIN when phone is used** check box.
4. Enter the (U)SIM PIN code, and tap **Enter**.

Note: To cancel without enabling the (U)SIM PIN, press Cancel.

Warning: If you enter your PIN incorrectly for three times, the (U)SIM card will be locked automatically. Contact your service provider to obtain the PUK code to unlock the (U)SIM card.

Disable the (U)SIM PIN

You have to enter the correct PIN code to disable the use of PIN code. After it is disabled, each time you turn on the phone, you will not be asked to enter the PIN code.

1. Open the Phone screen (See *Using the Phone-Starting the Phone Function -Open the Phone screen*).
2. Tap **Menu>Options>Security** tab.
3. Clear **Require PIN when phone is used** check box.
4. Enter the (U)SIM PIN code, and tap **Enter**.

Change the (U)SIM PIN

When the new (U)SIM PIN is enabled, you must enter this PIN to unlock the phone.

1. Open the Phone screen (See *Using the Phone-Starting the Phone Function -Open the Phone screen*).
2. Tap **Menu>Options>Security** tab.

3. Tap **Change PIN**.
4. Enter old PIN, and tap **Enter**.
5. Enter new PIN. Make sure that the new PIN is between 4 and 8 digits in length.
6. Reenter the new PIN to confirm it and tap **Enter**.


Change PIN 2

1. Open the Phone screen (See *Using the Phone-Starting the Phone Function -Open the Phone screen*).
2. Tap **Menu>Options>Security** tab.
3. Tap **Change PIN 2**.
4. Enter old PIN 2, and tap **Enter**.
5. Enter new PIN 2. Make sure that the new PIN 2 is between 4 and 8 digits in length.
6. Reenter the new PIN 2 to confirm it and tap **Enter**

3.5 Setting Up E-mail

Set up an E-mail account

Before you send and receive E-mail, you need to set up E-mail account that you have with an Internet Service Provider (ISP), or an account that you access using a VPN server connection (typically a work account).

1. Tap  **>Programs>Messaging>Setup E-mail**.
2. Enter your E-mail address and password, and then tap **Next**.
3. Select **Try to get e-mail settings automatically from the Internet** check box to download necessary E-mail server settings automatically, or you need to enter the server setting information manually.
4. Once auto configuration has finished, tap **Next**.
5. Enter your name and account display name, and then tap **Next**.
6. In the **Automatic Send/Receive** list, select how often you prefer to synchronize your E-mail, and then tap **Finish**.

Tip: For more information, see the help document on your device.


Set up E-mail to synchronize with a PC

Do all of the following steps on your PC:

1. Install Microsoft ActiveSync.
2. Connect your device to your PC by using a USB cable.
3. Click **Next** to start the Synchronization Setup Wizard.
4. Clear **Synchronize directly with a server** check box, and click **Next**.
5. Select E-mail and any other information types you want to synchronize with your PC, and click **Next**.
6. Click **Finish**.

4 Messaging

Messaging is where all of your E-mail, SMS, and MMS accounts are located.

When you receive a new message, you can open it from the Today screen. Simply tap the row where the new message is located to read it. To access your message accounts, tap  >**Programs** > **Messaging** and then select the account you want to read.

4.1 Messages

The device will alert you for the unread message(s) with the icon  on the title bar.

Compose and Send a Message

Compose an SMS

Tap  >**Programs** > **Messaging** > **Messages** to access the messages list screen, and then select **Menu** > **New** > **SMS**.

1. Enter the mobile phone number of one or more recipients, separating them with a semicolon (;).

To access phone numbers from Contacts, press **Action Key** or tap **Menu** > **Add Recipient** to select a contact from the list.

2. Tap on the text entry area and enter the message contents.
 - Tap **Menu**>**My Text** to add a common message to your SMS quickly.
 - Tap **Menu**>**Spell Check** to check the spelling.

Tip: You can press **Menu**>**Insert** to insert picture/video, audio, vcard, vcalendar or attachment to your message. If you do this operation, the SMS message will change to an MMS message.

3. Tap **Send** to send the message.

Compose an MMS



Tap  >**Programs** > **Messaging** > **Messages** to access the messages list screen, select **Menu** > **New** > **MMS**.

1. Enter the mobile phone number of one or more recipients, separating them with a semicolon (;).

To access phone numbers from Contacts:

- a) Tap **Menu > Add Recipient**.
- b) Select **From Contacts...** or **From Call History**.
- c) Select a contact from the list.

Tip: You can also press **Action Key** to access phone numbers from Contacts.

2. Enter the MMS subject.
3. Tap **Insert picture/video** or **Menu>Insert>Picture/Video...** to select a photo or video clip from your folders and insert it.
Tap  or **Menu>Capture Image** to capture a new photo and insert it to the MMS message.
Tap  or **Menu>Capture Video** to record a new video and insert it to the MMS message.
4. Tap **Insert audio** or **Menu>Insert>Audio** to select an audio file to insert to the MMS message.
5. Tap **Insert text here** or **Menu>Insert>Text** to enter text for your MMS message.
To insert predefined text, emoticons, favorite, contact, or calendar, select **Menu > Insert My Text/Insert Emoticon/Insert Favorite/Insert Contact/Insert Calendar**.
6. Tap **Menu >Remove** to delete the inserted picture/video, audio or text.
7. Tap **Menu >Slides** to insert, delete, or organize slides.
8. Tap **Menu >Template** to use a template or save the current message as a template.
9. Tap **Menu > Attachment>Menu** to add vCard, vCalendar and File.
10. Select **Menu >Options** to set the background, text layout and send options of MMS messages.
11. Tap **Send** to send the MMS message.

Note: You can use send options to set the delivery time, expiration, priority and whether to get the delivery report (See *Messaging- Messages-Request message delivery notification*).

Cancel SMS message editing


While editing SMS messages, tap **Menu > Cancel Message**. On the dialogue box, choose **Yes** to save the message as a draft. Choose **No** to discard the message.

Request message delivery notification

In SMS, before sending the message, tap **Menu > Message Options**, select **Request message delivery notification** check box and tap **OK**.

In MMS, before sending the message, tap **Menu > Options > Send Options**, select **Delivery report** check box and tap **Done**.


Copy messages from and to the (U)SIM card

1. Tap  >**Programs > Messaging > Messages** to access the messages list screen.
2. Select the message you want to copy.
3. Tap **Menu>Copy to SIM/Phone** to copy the message to your (U)SIM card or from your (U)SIM card.


Note: MMS messages are automatically saved in your phone and can not be copied to your (U)SIM card.

Other Actions

Reply to a message


1. Tap  >**Programs >Messaging>Messages**.
2. Scroll to a message you want to reply to.
3. Tap **Reply** or **Menu>Reply>Reply**.
4. Enter your message and tap **Send**.

Forward a message

1. Tap  >**Programs >Messaging>Messages**.
2. Scroll to the message you want to forward.
3. Tap **Menu>Reply>Forward**.

4. Enter your message and tap **Send**.

To switch messages folders

1. Tap  >**Programs** >**Messaging**>**Messages**.
2. Tap **Menu**>**Go to**>**Folders**.

There are five folders in Messages:

- **Deleted Items**: Store deleted messages.
- **Drafts**: Store message drafts.
- **Inbox**: Store all received and sent messages.
- **Outbox**: Store messages that are being sent and ready to be sent.
- **Sent Items**: Store sent messages.

To move message

On Draft, Deleted Items, Outbox or Sent Items screen, select the message you wish to move. Then tap **Menu** > **Move**. Select the folder to keep the message.

To delete message

Select the message, tap **Menu**>**Delete**. Then confirm in the pop out dialogue box. Deleted messages will be moved to the Deleted Items folder.

To configure message settings

On the Messages list screen, tap **Menu** > **Tools** > **Options** to configure various settings in Message.

Accounts

1. Tap the account you want to change and configure it.
2. Tap **Security** to choose whether to warn before navigating to a URL or file link not on your device.
3. Tap **Signatures** to configure your signatures.
You can also choose whether to display account picker when opening messaging.

Message

- When replying to e-mail, include body.
- Keep copies of sent items in Sent folder.
- Warn when deleting messages in the message list.

You can also choose the screen after you delete or move a message.

Address

You can choose a field to get e-mail addresses and add address books to check names.

Storage


You can view the storage information of your device here.

Also, you can select a method to empty the deleted items.

4.2 E-mail

Create E-mails

Compose and send an E-mail

1. Tap  >**Programs > Messaging**, and then select an E-mail account.
2. Tap **Menu > New**.
3. Enter the E-mail address of one or more recipients, separating them with a semicolon (;).
To access E-mail addresses stored in Contacts, press Action Key or tap **Menu > Add Recipient** and select a contact from the list.
4. Enter a subject and compose your E-mail. To quickly add common messages, tap **Menu > My Text** and select a desired message.
5. Tap **Send**.

Tip: You can find the priority option in **Menu > Message Options**.

If you are working offline, E-mail messages are moved to the Outbox folder and will be sent out the next time you connect.

Add an attachment to an E-mail


1. In the message that you are composing, tap **Menu > Insert** and select the item you want to attach: **Picture**, **Voice Note**, or **File**.
2. Select the file you want to attach, or record a voice note.

View and Reply to E-mails

The Today screen will display the E-mail item when a new E-mail message arrives. Tap the E-mail you want. You will also be able to browse the E-mail from the **Messaging**. Scroll to the E-mail to be browsed, and then press **Action Key**.

Download messages

The manner in which you can download messages depends on the type of your account.

- To send and receive E-mail for an outlook E-mail account, begin synchronization through ActiveSync.
 - a) Tap  >**Programs >Messaging**, and tap an account.
 - b) Tap **Menu>Send/Receive**. The messages on your device and E-mail server are synchronized:
 - ✧ New messages are downloaded to the device Inbox folder.
 - ✧ Messages in the device Outbox folder are sent.
 - ✧ Deleted messages in the server are removed from the device Inbox folder.
- To send and receive E-mail messages for an E-mail account that you have with an ISP or that you access using a VPN server connection, download messages through a remote E-mail server.
- Text messages are automatically received when your phone is turned on. When your phone is turned off, messages are held by your service provider until the next time it is turned on.

To download an attachment

In an open message with an attachment to download, select the attachment. You can directly open the file in the associated program after you download them by selecting the attachment again.

Reply to or forward an E-mail

1. Open the message and tap **Menu > Reply > Reply, Reply All, or Forward**.
2. Enter your response. To quickly add common messages, select **Menu > My Text** and choose a desired message.
3. Tap **Send**.

Tips:

- To see more header information, scroll up.
- To always include the original message from the list view, select **Menu > Tools > Options > Message**, and select **When replying to e-mail, include body** check box.

5 Personal Information

5.1 Contacts

You can add new contacts along with their information. Setting up communication information for the contact will allow you to connect with the person quickly or browse the contact's information. Contacts will be saved in the phone memory or in the (U)SIM card. If you store the information in the (U)SIM card, you can fill the name and a number. If you store the information in the phone memory, you can also fill out each information field including category, E-mail, address, pictures, ring tones, etc.


You can add new contacts to Outlook and their information to the phone. Besides, you can synchronize contacts between your device and specified remote server.

Open Contacts from Today Screen

Tap **Contacts** on Today screen or tap  **>Programs > Contacts** to open Contacts application program.

Create a Contact

Create an Outlook Contact

1. Tap  **>Programs > Contacts > New > Outlook Contact**.
2. Enter information for the new contact.

To easily identify the caller, you can assign a custom picture to each Outlook contact.


To assign a picture to a contact, tap **Select a picture** to select the picture you want. To remove the picture, select **Menu > Remove Picture**.

3. Tap **OK**.


If someone who is not in your list of contacts calls you, you can quickly save the number to contacts by taping **Menu>Save to Contacts**.

Note: In contact's detailed information, "m" stands for mobile number, "h" stands for home number and "w" stands for work number.

Create a SIM Contact

1. Tap  >**Programs > Contacts > New > SIM Contact.**
2. Enter the Name and Number for the new contact.
3. Tap **OK.**

View and Edit Contact Information

1. Tap  >**Programs > Contacts.**
2. Select the contact whose information you want to view or edit, and select **Menu > Edit.**
3. When you finish, tap **OK.**

To view the Contact List with Different Sort Column

If you have entered information under **Company** for your Outlook contacts on your phone, you can switch between Company mode and Name mode by selecting **Menu > View By > Company/Name.** In Company view mode, you can quickly locate the contacts who work for a specific company.


You can filter the contact list by categories. In the contact list, select **Menu > Filter.** Then tap a category you have assigned to a contact. To show all contacts again, select **All Contacts.**

To find a Contact

Search Contact by Name: On the Contacts list screen input the contact name to search for a contact.

Search Contact by Phone Number: On the Today screen, input the contact's phone number. Contacts that have phone numbers starting with the numbers you input will be listed.

Delete a Contact

1. Tap  >**Programs > Contacts.**
2. Select the item you want to delete.

3. Tap **Menu>Delete Contact**.
4. Tap **Yes** to confirm.

To send Contact Information

- Tap **Menu > Send Contact > Beam**. Select contact information to send. Select the device. Then tap **Tap to send**.

Note: Make sure that both transmitter and receiver have activated the Bluetooth function.

- Select **Menu > Send Contact > Messages**. Select the contact information that you want to send. Then tap **OK**.

The contact information you have selected will be sent to the recipient of the message.

- Select **Menu > Send as vCard**. Enter the recipient in **To** of the MMS message, and then tap **Send**.

To send MMS to Contacts


Select **Menu > Send MMS (Mobile)** to send an MMS to the selected contact.

If the contact information contains the E-mail address, you can send an MMS to the E-mail address by selecting **Send MMS (E-mail)**.

To send SMS to Contacts

1. Tap the contact you want to send an SMS to.
2. Tap **Send text message**.
3. Complete your message and tap **Send**.

5.2 Calendar

Tap  > **Calendar**. You can use the calendar to schedule appointments, including meetings and other events. Your appointments will be displayed on the screen as is scheduled. You can choose to **Dismiss** the reminder or use **Menu** to set the snooze time. On the Reminder screen, select **Menu > View Item** to view the details.

Add New Appointments

1. Tap **Menu > New Appointment**.
2. Enter information about the appointment.
3. Tap **OK**.

The detailed appointment information includes:

- **Subject:** Enter the subject.
- **Location:** Enter the location information.
- **Starts/Ends:** Set the start/end date.
- **All Day:** Set the appointment as all day events.
- **Occurs:** Set the re-occurring times or frequency.
- **Reminder:** Set a notification time to let the phone alert you a certain period of time before an appointment.
- **Categories:** Set the category information.
- **Attendees:** If you select **Add Required Attendee...** or **Add Optional Attendee...**, and choose the contact as the attendee, it will send invitation to them.
- **Status:** Choose the appointment status.

Each appointment status is represented by a color block in the view screen. Busy as blue, Out of Office as magenta, Tentative as light blue, Free as white.

- **Sensitivity:** Choose the degree of the privacy of the appointment.
- **Notes** tab: Enter the note information.

View and Edit Appointments

You can view your schedule in five different views: **Agenda, Day, Week, Month,** and **Year**. To switch the Calendar View, press **Left Soft key** or tap **Menu>View** to choose the view you want.

1. Tap the appointment to view.
2. Tap **Menu > Edit**, and edit the field.
3. Tap **OK**.

Send Appointments

Select appointment tap **Menu > Beam Appointment**, and then select device to exchange, and tap **Beam**.

You can send a calendar appointment to another phone over MMS.

1. Select an appointment, then tap **Menu > Send as vCalendar**.
2. Enter the recipient in **To**.
3. Tap **Send**.

Configure Calendar Options

Select **Menu > Tools > Options** to open the Calendar options settings screen. Select the item to set up. Options include:

General tab:

1. **Start in**: Set the default view option for Calendar.
2. **1st day of week**: Choose a day as the first day of the week.
3. **Week view**: Choose how many days to display for the weekly view.

You can also choose whether or not to show half hour slots or week numbers.

Appointments tab: You can set reminder for new items and select Show icons. You can also choose to send meeting requests via **Outlook E-mail** or your own E-mail account that you have set up.

5.3 Tasks

Select  > **Programs > Tasks**.

Add New Tasks

1. Tap **Menu > New Task**.
2. Enter the task information.
3. Tap **OK**.

The detailed task information includes:

- **Subject:** Enter the subject.
- **Priority:** Choose the priority level of the task.
- **Status:** Confirm whether the task is completed or not.
- **Starts:** Set the start date of the task.
- **Due:** Set the end date of the task.
- **Occurs:** Set the re-occurring times or frequency.
- **Reminder:** Set a notification time to let the phone alert you a certain period of time before a task.
- **Categories:** Choose category of the task.
- **Sensitivity:** Choose the privacy level of the task.
- **Notes** tab: Enter the note information.

To view the Task List with Different Sort Column

To sort the list, select **Menu > Sort By**, and select a sort option.

To filter the list by category, select **Menu > Filter**, and select the category to be displayed.

To mark a Task as Completed

Scroll to the completed task, tap **Complete**. If you want to activate this task again, scroll to it and tap **Activate**.

Send a Task

In the Tasks list, select the task you want to send and select **Menu > Beam Task**, then select device to exchange, and tap **Beam**.

If the receiver supports the task format, he/she will see the task in his/her task list.


You can send a task to another phone over MMS.

1. Select a task, then tap **Menu > Send as vCalendar**.
2. Enter the recipient in **To**.
3. Tap **Send**.

5.4 Notes


Select  > **Programs > Notes.**




Add a New Note




1. Tap  >**Programs>Notes.**
2. Tap **New.**
3. Write your text on the screen.
4. When finished, tap **OK** to return to the note list.

Note: If a letter crosses three ruled lines, it is treated as a drawing rather than as text.

Create a voice note

1. Tap  >**Programs>Notes.**
2. Tap **New.**
3. Tap **Menu>View Recording Toolbar.**

To add a voice note to a note you are writing, tap and hold the microphone button  and speak into the microphone. Tap  to stop recording. A speaker icon  will be added to the note.

- To insert the date for the voice portion of the note, tap and hold the speaker icon. Then tap **Insert Date.**
- To listen to the voice portion of the note, tap the speaker icon . Tap  to pause and tap  to continue.

Rename a Note

1. Tap the note in the note list to open it.
2. Tap **Menu >Tools > Rename/Move.**
3. Enter the new name.
4. Tap **OK.**

Delete a Note

1. Tap to open the note you want to delete.
2. Tap **Menu > Tools >Delete**.
3. Tap **Yes** to delete the note.


Send a Note

1. Tap to open the note you want to send.
2. Tap **Menu > Tools >Send**.
3. Tap an E-mail account or **MMS (Messages)** to create an MMS or E-mail to send the note.

Beam a Note

1. In the Notes list, tap to open the note you want to send.
2. Tap **Menu > Tools >Beam**.
3. Select device to exchange, and tap **Beam**.

5.5 SIM Manager

Tap  > **Programs > SIMMgr** to open the SIM manage tool. With SIM Manager, you can manage the contacts information in your SIM card and perform actions such as select, delete, copy to Outlook, etc.

You can tap **Options > Select All** to select all SIM card contacts to perform the action.

If you want to manage the contacts information in the phone memory, you can select **Options > Outlook Contacts**.

6 Getting Connected

6.1 Connecting to the Internet

Ways of Connecting to the Internet

Your phone's networking capabilities allow you to access the Internet or your corporate network at work through wire line and wireless connections.

You can use the default connection settings to connect to the Internet by: Wi-Fi, GPRS/3G, EDGE, or Dial-up.


Notes: You can also add and set up the following connections. Please contact your service provider for more detailed information.

- VPN: A VPN connection is used to access your corporate network by using an existing Internet connection.
- Proxy: A Proxy connection is used to access the Internet by using an existing connection to your corporate or WAP network.

Wi-Fi Connection

If the wireless carrier enables Wi-Fi on your device, you may be able to access the Internet when you are away from your computer.



Set up a Wi-Fi connection

1. Tap  >**Settings**>**Connections** tab>**Wi-Fi**.
2. Select a network you prefer to connect.

Note: If you select a secure network, you may have to enter the key that is provided by the network administrator.

Turn on/off the Wi-Fi connection

Wi-Fi is turned off when you first start your device. To minimize drain on the battery, Wi-Fi is turned off automatically every time you power off the device. You must turn it on when you want to use it.


1. Tap the  on the Today screen, or tap  > **Settings > Connections tab> Wireless Manager** to open the wireless manager.
2. Tap **Wi-Fi** on the Wireless Manager screen to turn on/off the Wi-Fi connection.

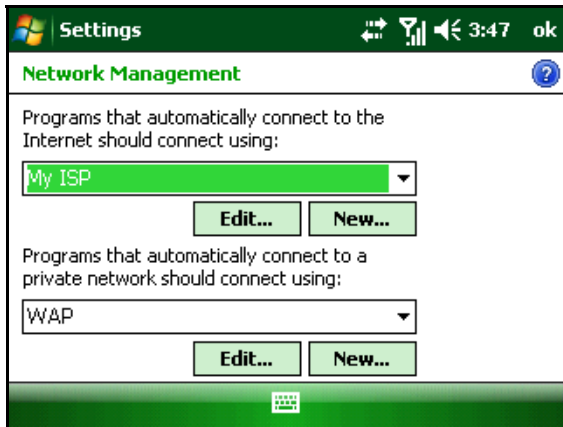
GPRS/3G

Use **GPRS/3G** (or **EDGE**, if available) to connect to the Internet and to send and receive MMS messages on your device. You will need a data plan to use your wireless service provider's GPRS/3G network. Check with your wireless service provider to find out about GPRS/3G rates. GPRS/3G settings are already preconfigured on your device, and your device is ready to use your wireless service provider's GPRS/3G services. Do not change the settings as this may cause services to stop working.

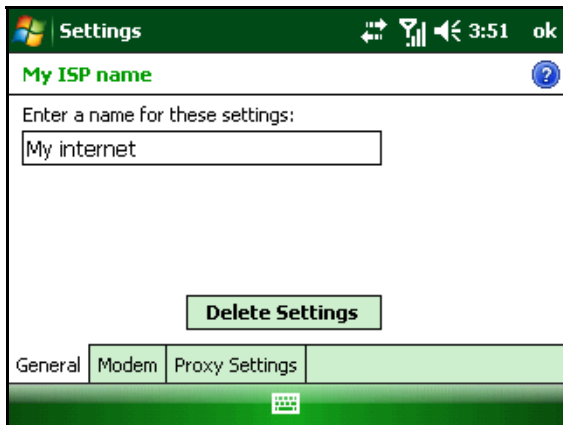
Add a new GPRS/3G Connection

Before you begin, get the following information from your network service provider:

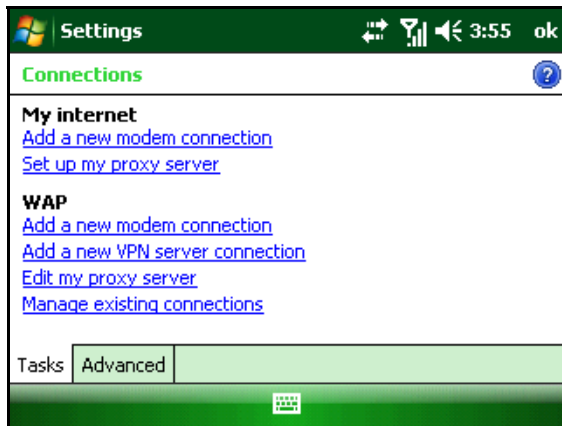
- Access point name
 - Your user name and password if needed.
 - Server IP and the port number if the network uses a proxy server.
 - Server type (HTTP, WAP, Secure WAP, Socks) if the network uses a proxy server.
1. Tap  > **Settings>Connections tab >Connections > Advanced tab**.
 2. Tap **Select Networks**.



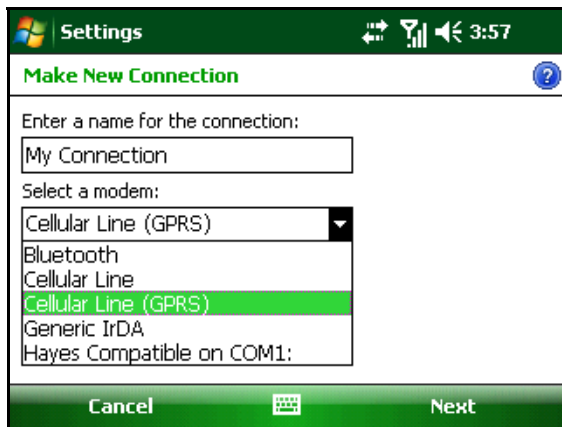
3. Tap **New** under the **Program that automatically connect to the internet should connect using**.
4. Enter a name for your settings.



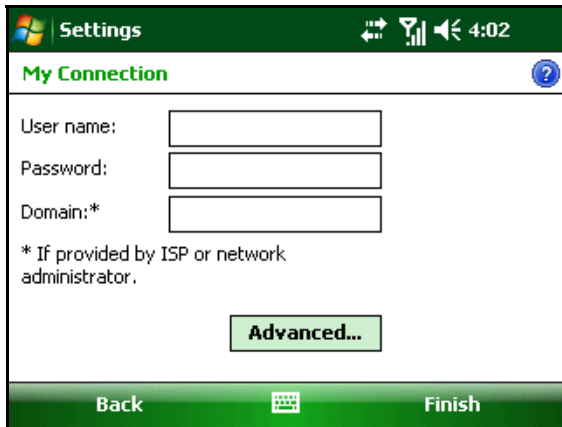
5. Tap **ok** until it is completed.
6. Tap  **>Settings>Connections** tab **>Connections>Tasks** tab.



7. Tap **Add a new modem connection** of the settings you have created.



8. Enter a name for the connection and select **Cellular Line (GPRS)**.
9. Tap **Next**.
10. Enter the Access Point Name and tap **Next**.

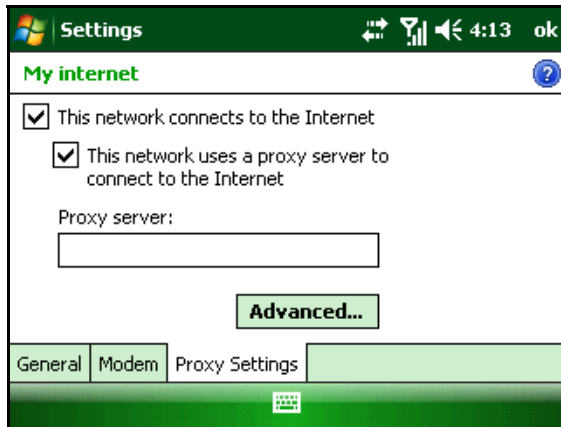


11. Enter the User name and Password (If there is no User name and Password, leave them blank).
12. Tap **Finish**.

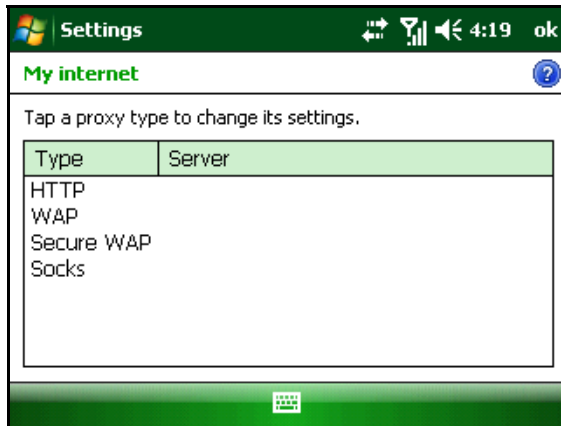
If the network uses a proxy server, you need to continue:



13. Tap **Set up my proxy server**.
14. Select **This network connects to the internet** and **This network uses a proxy server to connect to the internet** check boxes.



15. Tap **Advanced**.



16. Select the proxy type.

17. Enter the Server IP and the Port number.


18. Tap **OK** to complete.

Dial-up

You can use your phone to dial up to connect to the Internet or to your corporate network.

Set up a new dial-up connection

Before you begin, get the following information from your network service provider:
Get the server phone number or access point name, your user name and password.

1. Tap  >**Settings>Connections** tab>**Connections**.
2. Under **My Work Network**, tap **Add a new modem connection**.
3. Enter a name for the connection, select **Cellular Line**, and tap **Next**.
4. Enter the number to dial and tap **Next**.
5. Enter your username and password provided by your network administrator, and tap **Finish**.

6.2 Internet Explorer Mobile

Internet Explorer Mobile is a full-featured Internet browser, optimized for use on your phone. You can use Internet Explorer to browse most of the Websites. Some web pages may not be displayed properly as some specific web page technologies, such as Flash, are not supported by the phone. Your phone will automatically create an EDGE or GPRS/3G connection for you while browsing web pages.

Tap **internet** from the Today screen or tap  > **Internet Explorer** to open Internet Explorer.

Browse the Web


When you use Wi-Fi, EDGE or GPRS/3G mobile network to browse web pages, the phone will automatically make data connections.

Enter the text when the cursor is in the text field. Press **Action Key** to send the entered text. Use the **Navigation keys** or the stylus to move around the screen. Tap on the hyperlink, or press **Action Key** to link to the web page.

Open Web Pages

In Internet Explorer, you can open web pages in the following ways:

- Tap **Menu >Home** to open the home page.

- Tap **Menu** > **Favorites** to expand Favorites list, then open a web site.
- Tap **Menu** > **Address Bar**. Enter the web address directly, and tap  to open the web page.
- Tap **Menu** > **Tools** > **History** to expand the History list, and then select a web site.

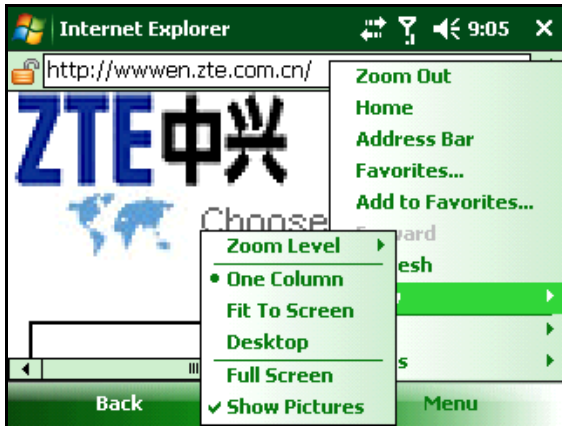
Browsing Options

While browsing the Web, tap **Menu**.

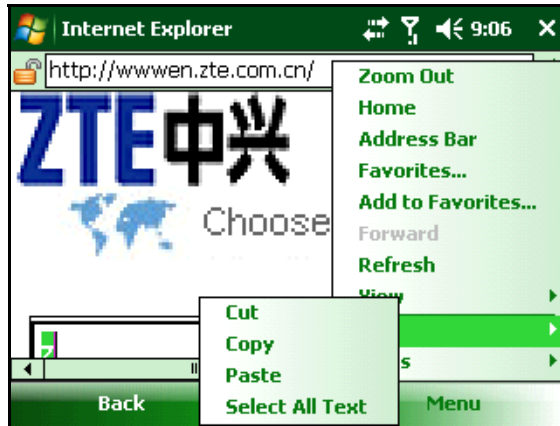
- **Zoom Out:** Zoom out the web page.



- **Add to Favorites:** Enter name, web address, and folder. Then press **Add** to add the current web page to Favorites.
- **Forward:** Allow you to navigate one page forward from within cached web pages.
- **Refresh:** Reload the Web Page Contents.
- **View:**
 - **Zoom Level:** Adjust the zoom level.
 - **One Column:** Switch to single column view. The contents are sorted in a single column. The column width is the same as screen width. You will rarely need to do a horizontal scroll.



- **Fit to Screen:** Switch to Fit to Screen view. It retains the same layout as the Desktop, but the items and edited contents may shrink. However, you can still view the majority of the page without doing a horizontal scroll.
- **Desktop:** Switch to Desktop view. It retains the same layout and size as the Desktop. When browsing web pages, you need to do both horizontal and vertical scrolling of the page.
- **Full Screen:** Switch to Full Screen view. To exit the Full Screen mode, press the Left/Right Soft key and cancel **Full Screen** from the **Menu**.
- **Show Pictures:** Turn off Show Pictures. To open Show Pictures, re-select it.
- **Edit:**
 - **Cut:** Cut the selected content.
 - **Copy:** Copy the selected content.
 - **Paste:** Paste the cut or copied content.
 - **Select All Text:** Select all the text on the current page.



- **Tools:**

- **History:** View the web pages you have browsed, you can select to show **Page Title** or **Address (URL)**.
- **Send Link:** Send the current link by SMS/MMS/E-mail.
- **Properties:** View the properties information.



- **Options**


- ✦ **General:** In **General** tab, you can set the Home page: **Use Current** or **Use Default**. Also, you can select the Encoding among Western European, Greek (ISO), Turkish (Windows), etc.
- ✦ **Memory:** Tap **Clear History** to delete the saved links visited in the past days. Tap the arrows to set the days you want. Tap **Delete Files** to delete the web content that has been previously viewed or synchronized with the device.
- ✦ **Security:** Tap **Clear Cookies** to clear the saved cookies in the device. Select a checkbox to configure your Security settings.

Tip: To prevent Internet Explorer Mobile from accepting any cookies, clear the **Allow cookies** check box.

Note: When you browse the Internet, web pages and pictures will be cached in your phone's memory. This will allow quick access in the future. These are temporary files. Deleting these files can effectively increase the memory on the phone. Cookies are files of personal information and actions recorded by the website. Deleted cookies cannot be restored.

6.3 Internet Sharing



With Internet Sharing, you can use your phone as an external modem for another device such as a PDA or laptop.

Note: Make sure that you have installed a (U)SIM card, and set up a GPRS or Dial-up connection. If your phone has not been set up with a data connection yet, tap  >**Programs>Internet Sharing** and then select **Menu > Connection Settings** to configure first. See *Getting Connected – Connecting to the Internet – GPRS/3G* for setting up a GPRS connection. See *Getting Connected – Connecting to the Internet – Dial-up* for setting up a phone dial-up connection.

Use the device to connect your PC to the Internet

If your device has a data connection plan, your PC can use the device to connect the Internet.

1. Make sure that your data connection is running, and that you can access the Internet from the device.

2. Connect your device to the PC using Bluetooth or a USB cable.
3. Tap  >**Programs>Internet Sharing**.
4. Select the PC connection type (USB or Bluetooth).
5. Select the network connection that the device should use to connect to the Internet.
6. Tap **Connect**. Allow approximately 30 seconds for the connection to be established. If you are prompted to turn on Bluetooth, tap **Yes**.
7. If your connection type is Bluetooth, perform the following steps on the PC:
 - a) Click  >**Control Panel>Network Connections**.
 - b) Right-click **Bluetooth Network Connections**, and click **View Bluetooth Network Devices**.
 - c) If the device is listed as a Network Access Point, click **Connect**. If it is not listed, click **Create a new connection** and use the New Connection wizard to add the device to the list.

Notes:

- If you select USB as the PC connection, you must first install Microsoft ActiveSync version 4.2 or later on the PC.
- If ActiveSync on the PC is set to allow USB connections, and you use a USB cable to connect the PC to the Internet through your device, you may see an error message saying that ActiveSync has lost the USB connection. Dismiss this error to continue connecting your PC to the Internet through your device.
- In order to use Bluetooth as the PC connection, Bluetooth on the device must be turned on, the device must be visible, and you must have a Bluetooth partnership between the device and the PC.


6.4 Bluetooth

Bluetooth is a short-range wireless communication technology. Phones with Bluetooth capabilities can exchange information within a distance of about 10 meters without any physical connection. The Bluetooth devices must be paired before the communication is performed.

Turn On/Off Bluetooth

1. Tap  > **Settings** > **Connections** tab > **Bluetooth**.
2. Tap **Mode** tab.
3. Select or clear **Turn on Bluetooth** check box.

Notes:

- By default, Bluetooth is turned off. If you turn it on, then turn off your device, Bluetooth is also turned off. When you turn on your device again, Bluetooth turns on automatically.
- You can also turn on/off Bluetooth by using Wireless Manager: Tap  > **Settings** > **Connections** tab > **Wireless Manager**, and then tap **Bluetooth**.

Make Your Device Visible


Other devices with Bluetooth capabilities can detect your device and attempt to beam information to it, establish a partnership, or use a Bluetooth service.

1. Turn on Bluetooth. (See *Getting Connected – Bluetooth - Turn on/off Bluetooth*)
2. Select **Make this device visible to other devices** check box.
3. Tap **OK**.

Tip: If you no longer want your device to be visible, clear **Make this device visible to other devices** check box.

Create a Bluetooth Partnership


You can create a partnership between your device and another device that has Bluetooth capabilities. Once you do this, the two devices must have Bluetooth turned on but do not need to be visible for you to beam information between them.

1. Make sure that the two devices are turned on, visible and within close range.
2. Tap  > **Settings** > **Connections** tab > **Bluetooth** > **Devices** tab > **Add new device**. Your device searches for other visible Bluetooth devices and displays them in the list.
3. Tap the name of the other device, and tap **Next**.
4. In **Passcode**, if you want to use a passcode (recommended for enhanced security), enter an alphanumeric passcode between 1 and 16 characters, and tap **Next**. Otherwise, leave the passcode blank, and tap **Next**.

5. Enter the same passcode on the other device.
6. Tap **Done**.
7. To give the partnership a more meaningful name, tap the device and change the name of the device in **Display Name**.

Connect to a Bluetooth headset or other accessories

You can connect your device to Bluetooth-enabled accessories such as headset, stereo headsets etc. You can create the connection by establishing a Bluetooth partnership between your device and the Bluetooth accessory.

1. Turn on your device and the headset or other accessory and then position them within several feet of one another.
2. Set the headset or the other accessory to **Visible** so that your device can detect it and establish a connection. You can find instructions on how to set the accessory to **Visible** in the manufacturer's manual.
3. On your device, tap  **>Settings>Connections tab>Bluetooth**.
4. Tap **Devices** tab, and tap **Add new device** to search for the headset.
5. Tap the name of the Bluetooth headset, and then tap **Next**.
6. Enter the passcode of the Bluetooth headset.
7. Make sure that **Hands Free** check box is selected.
8. Tap **Finish**.

Notes:

- The Bluetooth headset needs to have the Hands Free function.
- If the device has created Bluetooth partnerships with several Bluetooth headsets, it will use the last one.

6.5 Windows Live™


Windows Live™ gives you full Internet experience on your phone. It helps you to find information, pursue your interests, and get in touch with friends and family on the Internet more easily. Windows Live offers the following key features:

- Live Search Bar, which lets you search for information on the Web.

- Live Messenger, the next generation of MSN Messenger Mobile.
- Live Mail, the next generation of Hotmail.
- Live Search, which lets you find locations, browse maps, and check for directions.
- Live Contacts, address book for storing Live Mail, Live Messaging, and Hotmail contacts.

Set up Windows Live

To set up Windows Live for the first time

1. Tap  > **Programs**> **Windows Live**.
2. Tap **Sign in to Windows Live**.
3. On the next screen, select the links to read the Windows Live Term of Use and the Microsoft Privacy Statement. After reviewing it, tap **Accept**.
4. Enter your Windows Live Mail or Hotmail address and password, and then tap **Next**.
Clear the **Save password** check box if you do not want the device to remember your password.
5. Select or clear the **Live Search bar** and **Windows Live services** check boxes, and tap **Next**.
6. If you want to synchronize information, make sure that the check boxes next to **Store Windows Live contacts in your mobile phone's contact list** and **Sync E-mail** are selected. If you want to merge duplicate contacts, make sure that **Merge duplicate contacts** check box is selected.
7. Tap **Next**.
8. After **synchronization** is completed, tap **Done**.

The Windows Live Interface

On the main interface of Windows Live, you will see a search bar, navigation bar, and an area where you can view your pictures.


6.6 Windows Live Messenger

Live Messenger lets you send and receive instant messages online. With this mobile version of Windows Live Messenger, you enjoy many of the same cool features that you get from the desktop version. The features are:

- Send and receive instant messages via text and voice
- Make multiple conversations
- Add emoticons
- Contact list with presence
- Send and receive files including photos
- Change status/display name
- View contacts by online status, groups, and more

Note: Before you can use Live Messenger, your phone must be connected to the Internet. For information about setting up an Internet connection, see *Getting Connected - Connecting to the Internet*.

Set up Windows Live Messenger and Sign in

1. Tap  >**Programs**>**Messenger**.
2. Tap **Accept** to accept the terms of the Windows Live agreement.
3. Enter your Windows Live ID and password, tap **Next**.
4. Select or clear **Live Search bar** and **Windows Live services** check boxes, tap **Next**.
5. If you want to synchronize information, make sure that the check boxes next to **Store Windows Live contacts in your mobile phone's contact list** and **Sync E-mail** are selected. If you want to merge duplicate contacts, make sure that **Merge duplicate contacts** check box is selected.
6. Tap **Next**.
7. After synchronization is completed, tap **Done**.

You are now signed in Windows Live Messenger and ready to chat.

Tip: To sign out of Windows Live Messenger, tap **Menu** and then tap **Sign out**.

Add Windows Live Contacts

1. Sign in the Windows Live Messenger.
2. Tap **Menu**, and then tap **Add new contact**.
3. Enter the contacts' E-mail address and tap **OK**.

Tips: If you choose to have Windows Live services appear on the Today screen, you can quickly access Messenger from there.

Send an Instant Message from Messenger

Chat with your Messenger contacts by using Windows Live Messenger on your device.

1. Sign in Windows Live Messenger.
2. Scroll to the online contact you want, and then tap **Send IM**.

Note: You can only send an IM to contacts who are online. The Messenger icon next to online contacts will appear green. The Messenger icon next to offline contacts will appear gray, and you can Send E-mail instead of Send IM.

3. Enter the message text in the message area, and then tap **Send**.
4. To end the IM session, tap **Menu**, and then tap **End conversation**.

Tip: If you choose to have Windows Live services appear on the Today screen, you can quickly access Messenger from there.

6.7 GPS

Your phone has a built-in GPS (Global Positioning System) module to support basic GPS operation and 3rd party navigation software.

Guidelines and Preparation for Using GPS

With a GPS receiver, your device can show your exact location. Your device may have a built-in or plug-in GPS receiver that provides location information to programs on your device.

Note: The GPS signal cannot pass through solid non-transparent objects. Signal reception may be affected by obstructions such as high-rise buildings, tunnels, bridges, forests, weather (rainy or cloudy days), etc. Wireless communication products (such as mobile phones or detecting devices) may interfere with the satellite signal, resulting unstable signal reception.

Manage GPS automatically


To allow multiple programs to access GPS data simultaneously, your Windows Mobile-based device automatically manages access to your GPS receiver. It is highly recommended that this option always be selected. Otherwise, only one program at a time can access your GPS receiver.

1. Tap  >**Settings>System** tab>**External GPS**.
2. On the **Access** tab, select the **Manage GPS automatically** check box.

Note: Some programs may need direct access to the GPS receiver. For these programs, the option should not be selected.

Select a GPS program port

Programs that use GPS need to know which port to use to access GPS data. If no program port is specified, many GPS-enabled programs will not be able to access GPS data.


1. Tap  >**Settings>System** tab>**External GPS**.
2. On the **Programs** tab, in the GPS programs port list, select the port from which programs will access GPS data.

The programs port must be different from the one specified as the hardware port.

Note: Make sure that your GPS programs also have this port selection in their configuration settings. See the user manual for your GPS Program for more information.

Specify the hardware port for a GPS receiver

Windows Mobile-based devices automatically detect some GPS receivers and configure the appropriate hardware settings for them. If your GPS receiver has not been configured automatically, you need to specify its hardware port and baud rate according to the device manufacturer's specifications.

1. Tap  >**Settings**>**System** tab>**External GPS**.
2. On **Hardware** tab, in **GPS hardware port** list, select the port to which your GPS receiver is connected.

The hardware port must be different from the one specified as the programs port.

3. In **Baud rate** list, select the baud rate for your GPS receiver.

7 Office Mobile

7.1 Microsoft® Office Mobile

Microsoft® Office Mobile consists of four applications that let you view and edit Microsoft documents. These applications are:

- **Microsoft® Office Word® Mobile** allows you to view and edit Microsoft Word documents and text files.
- **Microsoft® Office Excel® Mobile** allows you to view and edit Microsoft Excel worksheets.
- **Microsoft® Office PowerPoint® Mobile** allows you to view Microsoft PowerPoint slides.
- **Microsoft® Office OneNote® Mobile** allows you to create OneNote documents to include pictures and recordings.

7.2 Microsoft® Office Word® Mobile

Microsoft® Office Word Mobile enables you to edit and view your Word documents and text files.

Open Word Mobile

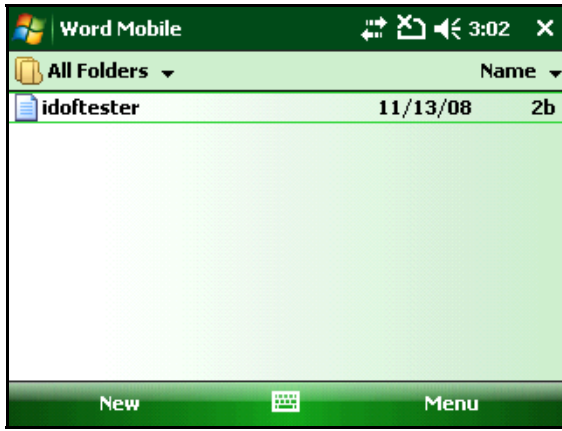
Tap  > **Office Mobile** > **Word Mobile** to open Word Mobile.

Note: Word Mobile does not fully support all features of Microsoft Word. Some data and formatting may be lost when you save the document on your phone.

View Documents

Open a document

1. In Word Mobile, tap the arrow beside **All Folders** and choose the location where the ***.doc**, ***.rtf**, or ***.txt** file is saved.



2. Locate the file you want to open and tap it to open.

Note: You can only open one document at a time. You must close the opened document first before you open another one.

Change the zoom ratio

When a document is opened, tap **View>Zoom** and select the zoom ratio to use.

Select **View > Wrap to Window** to adjust the text flow so that the text wraps based on the screen size. In this way, you do not need to scroll right to read long paragraphs or sentences.

Note: Text in tables cannot be wrapped.

Find a word in a document

1. Tap **Menu >Edit >Find/Replace**.
2. Type in the word you want to find in **Find what**. Select **Match case** and/or **Match whole words only** if needed.
3. Tap **Find** to find the word.

Edit and Send Documents

You can edit a Word documents after it is opened.

Type words into the document

1. In the document, tap your stylus or use the **Navigation Keys** to position the cursor where you want to insert the text.
2. Enter the text.

Tip: Select **Menu > Format>Font** to change the font format. You can use Bold, Italic, Underline, Strikethrough and Highlight. If you are using a formatting style and you want to revert to no formatting style, select **Menu > Format** and select the formatting style you are using from the menu.

Replace a word in a document

1. Tap **Menu >Edit >Find/Replace**.
2. Type in the word you want to find in **Find what**. Select **Match case** and/or **Match whole words only** if needed.
3. Tap **Replace** and enter a new word you want to replace the old one in **Replace with**.
4. Tap **Find** and then select **Next**, **Replace** or **Replace All** to replace the selected word.

Save the document

1. Select **Menu > File > Save As**.
2. Type in the **Name** you want to use for the edited document.
3. Select **Folder** and **Type** of your document.
4. Select **Location** where you want to save the document.
5. Tap **Save**.

Send the document

- Tap **Menu > File>Send via E-mail** to create an E-mail to send the document.
- Tap **Menu>File>Beam**, select device to exchange, and tap **Beam**.

7.3 Microsoft® Office Excel® Mobile

Microsoft® Office Excel® Mobile enables you to edit and view your Excel worksheets.

Open Excel Mobile

Tap  > **Office Mobile** > **Excel Mobile** to open the Excel Mobile.

Note: Excel Mobile does not fully support all features of Microsoft Excel. Some data and formatting may be lost when you save the workbook on your phone.

View Worksheets

Open a file

1. In Excel Mobile, tap the arrow beside **All Folders** and choose the location where the *.xls file is saved.
2. Locate the file you want to open and tap it to open it.

Notes: You can only open one file at a time. You must close the opened worksheet first before you open another worksheet.

View the contents of a cell

Sometimes the text in a cell cannot be fully displayed on screen. To view the text in the cell in its entirety, tap the cell to see the contents of it.

Use Freeze Pane

1. Select the cell that is after and below the row and column you want to freeze.
2. Tap **View** > **Freeze Panes**. To unfreeze the panes, select **View** > **Unfreeze Panes**.

Change the zoom ratio

Tap **View** > **Zoom** and then select the zoom ratio to use.

Switch to another worksheet

If your Excel file has multiple worksheets, you can go to a different worksheet by tapping **View** > **Sheet** and then select the worksheet you want to view.

Edit and Send Worksheets

You can edit your Excel worksheets after you open it.

Edit the cell text

1. Tap the cell whose text you want to edit.
2. Enter the text and tap **OK**.

Select the cells

Tap and slip your stylus to select a series of cells.

Delete cells

Select the cells you want to delete, and tap **Menu > Edit > Delete Cells**.

Select **Shift cells left**, **Shift cells up**, **Entire row** or **Entire column** and tap **OK**.

Insert the cell range of a defined name

If you want to insert defined names to your worksheet:

1. Insert **Menu > Insert > Define Name**.
2. In **Names in workbook**, enter the name.
3. Tap **Add**.
4. Tap **OK**.

Delete the content of cells

Select the cells whose content you want to delete and tap **Menu > Edit > Clear > Contents**.

Copy/Cut and paste cell contents

1. Select the cells you want to copy and then tap **Menu > Copy** or **Cut**.
2. Select the cells where you want to copy the cell contents to and select **Menu > Paste**.

Insert cells

Select the cell where you want to insert a cell, a row or column and then tap **Menu > Insert > Cells**.

- If you want to insert a cell, select **Shift cells right** or **Shift cells down**.
- If you want to insert a row or a column, select **Entire row** or **Entire column**.

Go to a cell

1. Tap **Menu > Edit > Go To...** and then enter the Cell reference or name.
2. Tap **OK**.

Tip: You can sort and find text in the worksheet by selecting **Menu > Tools > Sort** or **Menu > Edit > Find/Replace**.

Undo and redo an action

Tap **Menu > Undo [Action]** or **Redo [Action]**.

Note: **Action** here refers to the last action you have done in the worksheet.

Save the worksheet

1. Tap **Menu > File > Save As**.
2. Enter **Name** you want to use for the edited worksheet.
3. Select **Folder** and **Type**.
4. Select **Location** where you want to save the worksheet.
5. Tap **Save**.

Send the file

- Tap **Menu > File > Send via E-mail** to create an E-mail to send the document.
- Tap **Menu > File > Beam**, select device to exchange, and tap **Beam**.

7.4 Microsoft® Office PowerPoint® Mobile

Microsoft® Office PowerPoint® Mobile enables you to view your PowerPoint presentations.

Open PowerPoint Mobile

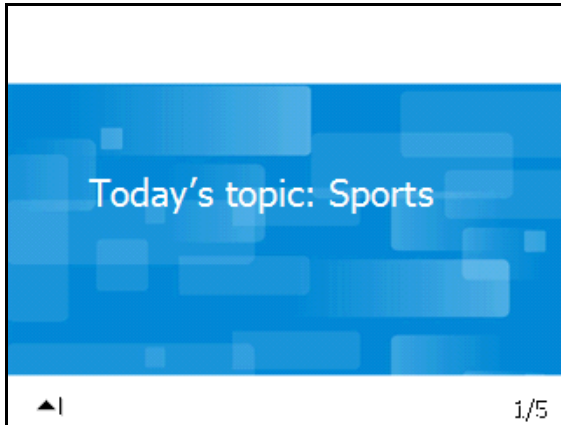
Tap  > **Office Mobile** > **PowerPoint Mobile** to open PowerPoint Mobile.

View PPT Files

Open a file




1. In PowerPoint Mobile, tap the arrow beside **All Folders** and choose the location where the *.ppt file is saved.
2. Locate the file you want to open and tap it to open it.

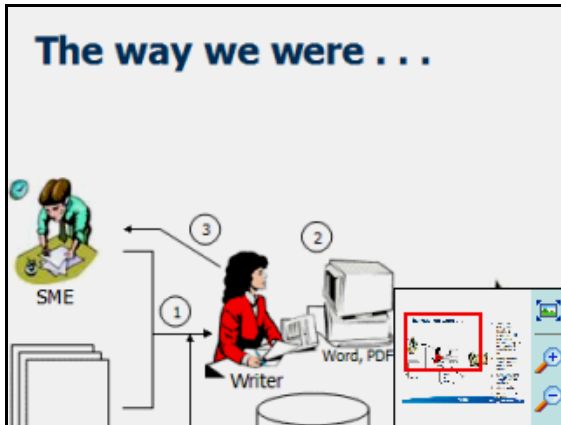
View the slides of the presentation



Tap the arrow in the left corner of the screen to open the menu:

- Select **Next** or tap on the screen to go through the slides of the presentation.
- Select **Previous** to go back to the previous action or slide of the presentation.
- Select **Go to slide** to open the list of the presentation topics. Select one topic you want to open and tap it.

- Tap **Zoom in** to get a zoom control panel in the right corner of the screen.
- Tap  to zoom in, tap  to zoom out and tap  to return.



Set PowerPoint Mobile preferences

1. Tap the arrow in the left corner of the screen to open the menu.
2. Tap **Show Options**.
3. Set **Slide show orientation** and **Slide show playback options**.
4. Tap **OK**.

To show links in a slide

On your phone, you can show and activate hyperlinks in slides that you created on Microsoft PowerPoint on your PC.

1. Tap the arrow in the left corner of the screen to open the menu.
2. Tap **Show Links**.
3. Tap the links to activate the hyperlink.

To end the presentation

1. Tap the arrow in the left corner of the screen to open the menu.
2. Tap **End Show**.

7.5 Microsoft® Office OneNote® Mobile

Microsoft® Office OneNote® Mobile enables you to edit and view your OneNote files.

Open OneNote Mobile

Tap  > **Office Mobile** > **OneNote Mobile**.

Create an OneNote File

1. Open OneNote Mobile (See *Office Mobile-Microsoft® Office OneNote® Mobile- Open OneNote Mobile*).
2. Tap **New**.
3. Enter the information you want to save in the file (See *Getting Started- Entering and Searching Information*).
 - Tap **Menu>Undo/Redo** to undo or redo the previous operation.
 - Tap **Menu>Cut/Copy/Paste** to edit the information.
 - Tap **Menu>Format/List** to choose the format or get the information listed.
 - Tap **Menu>Take Picture** to open the camera and take a photo to insert into the file.
 - Tap **Menu>Insert Picture** to select a picture stored in the device or storage card to insert into the file.
 - Tap **Menu>Insert Recording** to record an audio file to insert into the file.
4. Tap **Done** to save the OneNote file.

Open an OneNote File

1. Open OneNote Mobile (See *Office Mobile-Microsoft® Office OneNote® Mobile- Open OneNote Mobile*).
2. Tap the file you want to open it from the list.

Note: You can only open one document at a time. You must close the opened document first before you open another one.

8 Experiencing Multimedia

8.1 Camera

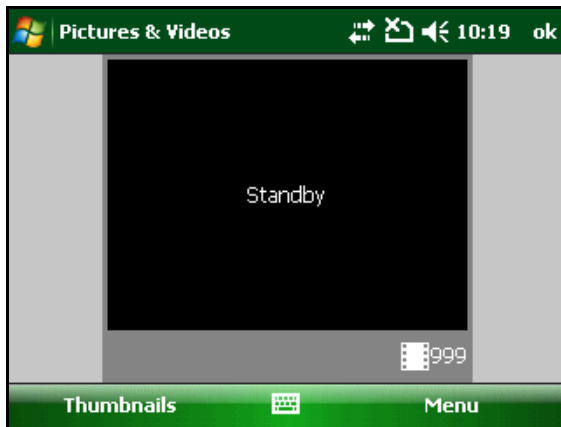
Use Camera

Open the camera

Tap  > **Pictures & Videos**, and then tap **Camera** to launch the camera program.

Camera standby screen

It displays **Standby** on the camera screen after 30-second idle as shown in the following picture. Tap the screen or press any key in the Qwerty Keyboard to activate it. Tap **Thumbnails** to open the Pictures & Videos program.



To exit camera

- Tap **OK** to return to the Pictures & Videos, or
- Press **End Key** to return to the Today Screen.

Take a Photo or Capture a Video Clip

To switch between taking a photo and recording video clip, tap **Menu** in camera screen, select **Still** or **Video**. Aim the camera at the subject and then press **Action Key** to take the shot. To capture a video, press **Action Key** to start recording; press again to stop.

Note: The paused record will be ended and saved automatically after standby. The video recording will be stopped and saved when reaching the preset maximum time. By default, the maximum time is 30 seconds. You can change it in **Menu > Options > Video > Time limit for videos**.

Adjust brightness

To adjust the brightness, tap **Menu**, and then select **Brightness**.

Configure Your Camera

Tap **Menu** to configure your camera, including:

- **Video:** Switch to the video function.
- **Mode:** There are three modes to capture picture.
 - **Normal:** You can capture a still image by pressing **Camera Key** or **Action Key**.
 - **Burst:** You can capture 5 consecutive images by pressing **Camera Key** or **Action Key**.
 - **Timer:** When you press **Action Key** or **Camera Key**, it starts to count down, and then captures a picture in 5 seconds.
- **Brightness:** Adjust the brightness.
- **Resolution:** Choose an appropriate resolution mode.
- **Zoom:** Select a zoom ratio to capture the photo or video clip.
- **White Balance:** Choose an appropriate white balance mode.
- **Flash:** Select to turn on/off flash.
- **Full Screen:** Choose to enable the Full Screen mode. To exit the Full Screen mode, press **Right Soft key** and cancel **Full Screen** from the **Menu**.

- **Options:** To customize the settings for the pictures and videos.
 - **General** tab: You can resize a picture to match your requirement before sending it by E-mail. You can also change the rotating orientation in this setting screen.
 - **Slide Show** tab: Your phone has two orientation modes: Portrait and Landscape. You can decide whether to play screensaver when your phone is connected to PC and idle for 2 minutes.
 - **Camera** tab: Pictures are saved into your phone by default. You can choose to save them in the storage card if it is available. Pictures captured by camera are saved with a default prefix “img”. You can change the prefix and compress pictures to different levels.


Tip: The file names are numbered in an increasing order. For example, the files are saved as “img001” and “img002”.

Note: The Type filename prefix field cannot be blank; otherwise, the files will be saved with default prefix automatically.
 - **Video:** You can decide whether to include audio when recording video files. You can also set the maximum time for video recording.

8.2 Managing Pictures and Video Files

The Pictures & Videos program allows you to view and manage media files on your phone.

View Files after Capture

Tap  > **Pictures & Videos**, then move to the picture or video file and tap **View/Play** or press **Left Soft Key** or **Action Key** to open it.

Copy a Picture or Video Clip to Your Phone

You can copy pictures and video files from your PC to the My Pictures folder on your phone, and then view them on your phone.

For more information about copying files from your PC to your phone, see Windows Mobile Device Center or ActiveSync Help on your PC.

Note: You can also copy pictures and video files from your PC to your phone using a memory card.

Pictures & Videos Menu

Move to a media file and press **Menu** to open a list of options.


You can choose to send the selected media file to another device via MMS, E-mail, or Bluetooth, play the pictures as a slide show, send the picture to your Windows Live Space account, etc.

- Open a file, and tap **Menu > Set as Today Background** to set the picture as your Today screen background.
- Tap **Menu > Tools>Options** to customize General, Slide Show, Camera and Video settings.
- Tap **Menu > Edit** to do minor touch ups to the picture such as rotating and cropping.

Note: The available menu options depend on the selected media file.




8.3 Windows Media Player Mobile




You can use Microsoft Windows Media Player Mobile to play digital audio and video files.

To open Windows Media Player Mobile, select  **>Programs> Windows Media**.

About the Controls

By default, these controls are assigned to Windows Media Player Mobile functions.


To	Select Menu	Press/Hold Key
Play or pause	Play/Pause	Tap  /  icon. Press Action Key or Enter key .
Skip to a previous file		Tap  . Press Left key.

To	Select Menu	Press/Hold Key
Skip to the next file		Tap  Press Right key .
Fast-forward a file		Hold Right key .
Rewind a file		Hold Left key .
Increase the volume		Tap  Press Up key .
Decrease the volume		Tap  Press Down key .

View and Change hardware button assignments

You can view and change default hardware button assignments for Windows Media Player Mobile. Assigning Player controls to hardware buttons on your device gives you quicker access to those controls.

Note: Some hardware buttons, such as **Dial Key** and **End Key** cannot be reassigned to Windows Media Player Mobile functions.

1. Tap  >**Programs>Windows Media**.
2. If you do not see the Playback screen, navigate to it by selecting a media file and tapping **Play**.
3. Tap **Menu>Options>Buttons** tab.
4. To change a button assignment, tap a control (Such as Stop or Pause), and then do one of the following:
 - Tap **Assign** and then press the button that you want to assign the chosen function.
 - Tap **Reset** to assign the default (not the previous) function to the button.
 - Tap **None** to assign no hardware button.
 - Tap **OK**.

About Licenses and Protected Files

Protected files are digital media files such as songs and videos that are secured with a license to prevent unauthorized distribution and playback. The license specifies how you can use the file. For example, a license may specify whether you can use computer version of Windows Media Player to synchronize the file to your device, or how many times you can play the file. The person or company that provided the files sets the terms of the license. A technology called digital rights management (DRM) creates and manages the licenses. Because Windows Media Player Mobile supports Windows Media DRM, you can download and play protected files that you have purchased online. If the license and your device allow it, you can even play subscription or rented content from some online stores.

Some media files have associated licenses that protect them from being unlawfully distributed or shared.

If you want to copy a protected file from your PC to your phone, use the Windows Media Player on your PC to synchronize the file to your phone. This will ensure that the license is copied along with the protected file. For more information about synchronizing files to your phone and other mobile devices, see Windows Media Player Help.

Note: You can determine whether a file is protected by Windows Media DRM by checking its file properties (**Menu > Properties**).

Play Media

Play a media file

To play media files from the library, select **Menu > Library** to open the Library screen. If necessary, select a library. Then select the file from the catalogues (for example, **My Music** or **My Playlists**), move to an item (such as a song, album, or artist name), press **Play** to play the media file on the player screen.

To play media files from the phone or the storage card, on the Library screen, tap **Menu > Library > My Device/Storage Card** to browse the file list and play file(s).

Note: On the Library screen, to play a file that is stored on your phone but is not in a library, select **Menu > Open File**. Select the item (such as a file or a folder), and press tap **Play**.

To play media files from the Internet, on the **Library** screen, tap **Menu > Open URL** to prompt an input screen. Enter the desired URL to open the file from the Internet. Tap **Menu** to clear history logs or go back to the previous screen.


About the screens and menus

Tap **Menu**. The available menu options depend on the screen you are viewing.

- **Library:** Display the Library screen so that you can choose a file to play.
- **Play/Pause:** Start or pause playback.
- **Stop:** Stop playback.
- **Shuffle/Repeat > Shuffle:** Play the items in the Now Playing playlist in random order.
- **Shuffle/Repeat > Repeat:** Play the items in the Now Playing playlist repeatedly.
- **Full Screen:** Display the current playing video in full screen mode.
- **Options:** Adjust various Windows Media Player Mobile options, including playback, video, network, library, skins, and buttons options, etc.
- **Properties:** Display information about the currently playing file.
- **About:** Display information about Windows Media Player Mobile, such as the version number.

Download media files from the Internet

You can download songs, ring tones, and videos directly to your device by connecting to the Internet. The process for downloading media to your device will vary depending on the Web site from which you are downloading.

1. Tap  **>Internet Explorer**.
2. In the address field, enter a Web site address, and then tap the go icon.
3. On the web site, navigate to the song or video you want to download, and then tap its name or other download link.

4. To play the media file automatically after it is downloaded, select **Open file after download** check box, and then do one of the following:
 - To download the media file immediately, tap **Yes**. The file is saved in My documents folder on the device.
 - To download the media file and save it to a particular folder on the device, tap **Save As**. Enter a name, select a folder and storage location, and then tap **save**.

Manage Your Media Library

Open media library

On **Windows Media** screen, tap **Menu > Library**. The screen lets you quickly find your audio files, video files, and playlists. It contains the following items:

- **My Music**: You can view or play the music files.
- **My Videos**: You can view or play the video files.
- **My TV**: You can view or play the TV files.
- **My Playlists**: You can add the media files into your playlist.
- **Now Playing**: You can see the current file being played and files that are queued up to play next.

Update media library

You can manually update the library to ensure that it contains new files that you recently copied to your phone or storage card. On **Library** screen, select **Menu > Update Library** to update the media library. The new media files, such as the video clip shot by the camera, will be added into the library.

Delete files from media library





In the media files list, select the file and then tap **Menu > Delete from Library** to delete it.

Troubleshooting

For more information, see Use Windows Media Player Mobile page at the Microsoft Web site (www.microsoft.com/windowsmobile/en-us/help/more/windows-media-player.msp).

8.4 FM Radio

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

- To scan for channels automatically, tap  > **Programs > FM Radio > Menu > Auto Search.**
- To adjust the volume, press the **Volume Up/Down Keys** or tap .
- To tune channels manually, tap  icon or  icon.
- To add the current channel to Favorites, tap **Menu > Add to Favorites.**
- To edit the current channel:
 - Tap **Edit** and enter the channel name or edit the Frequency.
 - Select or clear the **Add to Favorites** check box to add the channel to Favorites.
 - Tap **OK** to save the channel
- To view Favorites list, tap **Favorites.**
- To delete the channel, tap **Menu > Delete.**
- To delete all channels, tap **Menu > Delete All.**
- To exit the FM radio, tap **Menu > Exit.**

8.5 Streaming Player

Streaming Player lets you stream live broadcasts or on-demand media content from the Web. The media is sent in a continuous stream to your device and is played as it arrives, along with the audio.

Access Streaming Content via Internet Explorer


In Internet Explorer, you can open a Web page containing RTSP (Real Time Streaming Protocol) links to streaming media content then play the content in the Streaming Media program.

1. Tap  > **Internet Explorer.**

2. In the address bar, enter the URL address of the Web page that contains the RTSP link to the desired format file.
3. On the Web page, tap the RTSP link.
4. Streaming Media then automatically opens and starts playing the file.

During playback, use the button controls to play/pause, zoom in or out, adjust the sound volume, and more.

Stream media files on the Streaming Player

1. Tap  > **Programs >StreamingPlayer.**
2. Tap **Open.**
3. Enter the URL for the web site or tap a web site from the **Recent History.**
4. Tap **Connect.**

Streaming Player then starts playing the file. You can do the following operations:

- Use the buttons to control the playing.
- Tap **Menu>Properties** to view the properties and general information of the streaming video clip.
- Tap **Menu>Options** to configure the streaming player settings.

8.6 Java Applications


Your phone supports Java 2 Micro Edition. J2ME. MIDlets are Java-based applications that can run on mobile phones.

Notes:

- Not all the JAVA applications are supported by your device, for more detailed information, please contact your service provider.
- In some JAVA applications, you may not use the touch screen to control it. Use your keyboard instead.

Install and Run MIDlets/MIDlet Suite

Install MIDlets from the Internet

1. Tap  > **Programs > JAVA.**
2. Tap **Download Application** to open the Internet Explorer.
3. Locate **MIDlet/MIDlet** suite while connected to the Internet.
4. Select **MIDlet/MIDlet** suite to download.
5. To start installing the MIDlet/MIDlet suite, tap **Yes.**
6. Tap **Install** to confirm the installation.

Notes:


- You can cancel the installation at any time.
- Downloaded MIDlets will be automatically saved in My Documents folder.

Install MIDlets from a PC


You can use the USB cable, or Bluetooth to install the MIDlets/MIDlet suites from a PC into your phone.

Tip: MIDlets copied to your phone using Bluetooth or E-mail attachments are automatically saved in My Documents folder.

Install MIDlets from a local folder

1. Tap  > **Programs > File Explorer.**
2. Select **MIDlet/MIDlet** suites currently saved in My Documents folder to install.
3. Press **OK** to install.

Run MIDlets/MIDlet suites on your phone

1. Tap  > **Programs > JAVA.**
2. Select a MIDlet from the list.
3. Press **Action Key** or press **Launch** to run the MIDlet.

Manage MIDlets/MIDlet Suite

You can organize the MIDlets/MIDlet suites into folders. You can also uninstall the MIDlets/MIDlet suites.

Uninstall a MIDlet/MIDlet suite

Before you uninstall a MIDlet/MIDlet suite, make sure that it is not running.

1. On the Java Apps screen, move to the MIDlet/MIDlet suite.
2. Select **Menu > Delete**.
3. Press **Yes** to confirm.

Update a MIDlet/MIDlet suite

Java will search for updates for the selected MIDlet/MIDlet suite.

1. On the Java Apps screen, move to the MIDlet/MIDlet suite.
2. Tap **Menu > Update**, the application then searches for updates.

9 More Applications

9.1 File Explorer

File Explorer provides many easy-to-use features for file and folder management.

Start File Explorer

Tap  >**Programs**> **File Explorer**.

File Explorer displays the entire file structure in your phone's memory. The functions focus primarily on folder management.

In File Explorer, tap the arrow on the left corner to select the location of the files you want to view or manage:

- **My Device:** Display the contents in the root folder of the phone.
- **Storage Card:** Display the contents in the root folder of the storage card, (only appear when the storage card is available).

The File Explorer menu contains the following options:

- **Go to:** Open My Documents, My Device, Folders, or open another new path.
- **Refresh:** Refresh the current folder.
- **Show All Files:** Show all files of the current folder.
- **Sort By:** Open a menu where you can choose to sort the files or folders by Name, Date, Size or Type.
- **Send:** Send the selected file through one of the messaging methods. For example, if you want to send a file as an E-mail attachment.
 1. Select a file and tap **Menu > Send...** in File Explorer (the file will be attached to the new message automatically).
 2. Select an E-mail account on the Messaging screen.
 3. Specify the recipient and subject, and type your message.
 4. Tap **Send**.

Note: You can also send the file via MMS by selecting **MMS (Messages)** from the


messaging screen. See the section *Messaging*.


- **Beam File:** Send the selected file via Bluetooth.
- **New Folder:** Create a new folder.
- **Rename:** Rename the selected item.
- **Delete:** Delete the selected item.
- **Edit:** Open the menu where you can choose to cut, copy, paste, or paste shortcut. You can also undo an operation or select all the items in the current folder.

9.2 Task Manager

You can use **Task Manager** to view and stop running programs.

Open Task Manager

Tap  > **Programs** > **Task Manager**.



Application	Mem	CPU
Java Apps	3.17M	0 %
Messaging	1.51M	0 %
ActiveSync	964K	2 %
Windows Live	412K	0 %
Notes	320K	0 %
File Explorer	160K	0 %
Task Manager	148K	5 %
FM	108K	0 %

End Tasks

Select the tasks you want to end, tap **End Task**.

Task Manager Options

Tap Menu in Task Manager, you can do the following operations:

- **Switch To:** Switch to the selected program in the task list.
- **End All Tasks:** End all the tasks in the task list.
- **View:** Change to view applications or processes in the task manager.
- **Sort By:** You can sort the tasks by Memory, CPU or Name.
- **Refresh:** Refresh the task manager.
- **Exit:** Exit the task manager.


9.3 Add and Remove Programs Management

Before you purchase additional programs for your phone, make sure that they are compatible with the Windows Mobile® 6.1 Standard operating system.

To add a program

1. Download a program to your PC (or insert the disc that contains the program into your PC). Make sure that you select a program developed for your phone and processor type.
2. Read the installation instructions that come with the program and follow it to complete the setup.

To remove a program

1. Tap  >**Settings** > **System** tab > **Remove Programs**.
2. Select the one you want to remove from the list.
3. Tap **Remove**.
4. Tap **Yes** to remove the program, or tap **No** to cancel.

Note: Programs that are preinstalled on the phone cannot be removed.

9.4 PDF

PDF is an application for viewing PDF (Portable Document Format) documents on your device. It supports a subset of the features found in the PC versions of Foxit Reader.

To open PDF



- Tap  > **Programs >PDF**.

To open a PDF file on your device




- Open a PDF file in **PDF**.
- Open **File Explorer**, find the desired PDF file, and then tap the file to open it.

To navigate through a PDF document

While viewing a PDF document, you can do the following operations:

- Slide your stylus on the screen to move to the desired direction of the page.
- Press **Navigation Keys** to move to the desired direction of the page.
- Tap  to move to the previous page; tap  to move to the next page.

Other operations of PDF

- Tap **Menu>File>Open** to open another file.
- Tap **Menu>File>Close** to close the current file.
- Tap **Menu>File>Properties** to view the properties information of the current file.
- Tap **Menu>Zoom** or tap  and  to zoom in or zoom out the page.
- Tap **Menu>View** to rotate the page or get the appropriate screen of the page.
- Tap **Menu>Page** to select the desired page to view.
- Tap **Menu>Options** to customize the Key Assignment, File and Displays settings.
- Tap **Menu>Find** or tap  on the screen to search text in the document.
- Tap **Menu>About** to view the PDF information.
- Tap **Menu>Exit** to exit PDF.

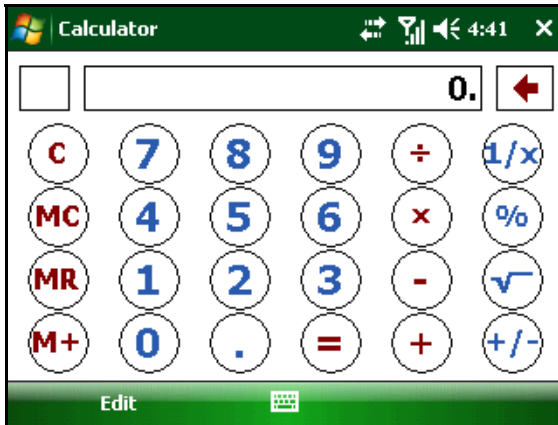
9.5 Calculator

Your device comes with a built-in calculator capable of performing addition, subtraction, multiplication, division and so on.

Open the Calculator

Tap  > **Programs** > **Calculator**.






Calculator function introduction:



- C: Reset calculator.
- MC: Reset the memory.
- MR: Display the memory data.
- M+: Add up data to the memory.

Calculator for Simple Using

• **Addition/ Subtraction/ Multiplication/ Division**

1. Enter a number.
2. Tap , ,  or  to get the operator.
3. Enter the next number.
4. Tap  to view the result.

- **Other Calculations**

1. Enter a number.
2. Tap $\frac{1}{x}$, $\%$, $\sqrt{\quad}$ or $+/-$ to get the operator.
3. The result will be shown on the screen.

Calculator for Arithmetic Using:

1. Obtain the first result by the calculator simple using.
2. Tap $M+$ to save the data to the memory.
3. Obtain the second result by the simple using.
4. Second tap $M+$ to save the second result to the memory.
5. Add the data to the memory according to the steps above.
6. Tap MR to display the result data in the memory.

Take the $200 \times 2 + 30 \times 8$ counting for example:

1. Calculate $200 \times 2 = 400$ and press $M+$ to save 400 to the memory.
2. Calculate $30 \times 8 = 240$ and press $M+$ to add 240 to the memory.
3. Tap MR to display the result 640.

Note: The limitation of the calculator precision may cause little rounding error.

10 Synchronization

You can synchronize information between your phone and your PC or between your phone and Microsoft® Exchange Server. Before synchronizing information, please install ActiveSync on the PC. Once you install ActiveSync on your PC, you will be prompted to connect your phone and create a synchronization relationship with the device by using a USB cable or Bluetooth connection. While you are setting up this relationship you can choose the information you want to synchronize with either your PC or with Microsoft® Exchange Server. Refer to Help of Microsoft® ActiveSync for more information.

10.1 Installing ActiveSync


1. To install ActiveSync on your PC, please follow the instruction on the screen when you run the ActiveSync and application software CD. When the ActiveSync is installed in your PC, you will be asked to build a partnership with your phone using one of the two connection methods: USB cable and Bluetooth.
2. Follow the instructions on the screen to complete the wizard. In the Sync Setup Wizard, you can :
 - Create a synchronization relationship between your PC and your device.
 - Configure an Exchange Server connection to synchronize directly with Exchange Server. To synchronize your device with Exchange Server, enter your user name, password, and domain name from your administrator before completing the wizard.
 - Choose information types to synchronize.

Note: Once synchronization completes, you can disconnect your phone from your PC.

10.2 Choosing Your Synchronization Type


Synchronize with a USB Cable Connection

You can connect your phone with other devices via a USB cable. You can manually change the connection settings as follow. The new settings will be used when you connect your device to the PC next time.

1. Tap  > **ActiveSync**.
2. Tap **Menu** > **Connections**.
3. Choose **USB** in the drop-down menu and check **Synchronize all PCs using this connection**.

Synchronize with a Bluetooth™

You can also synchronize your information by using Bluetooth wireless connectivity technology, which allows your phone to connect to a Bluetooth-compatible device within 10 meters. To synchronize via Bluetooth connection:

1. Execute ActiveSync Help on the PC and follow the instructions for configuring Bluetooth connections on your PC to support ActiveSync.
2. Tap  > **ActiveSync**.
3. Tap **Menu** > **Connect via Bluetooth**. Make sure that the phone and PC are within 10 meters.
4. When finished, tap **Menu** > **Disconnect Bluetooth**.

Note: To preserve battery power, turn off Bluetooth when it is not in use.


10.3 Setting up synchronization

You can use the default settings of synchronization preset on your device. If you want to set up by your self, please follow the steps below. Please contact your service provider for more detailed information.

Set up synchronization with Microsoft Outlook

Stay in touch with other workers by wirelessly synchronizing your device with your Microsoft Outlook corporate account from any location in your mobile operator's service area. You can synchronize E-mail, tasks, contacts, and calendar.


Note: Your organization must use Microsoft Exchange Server to manage E-mail, and Microsoft Outlook must be installed on your computer.

1. Tap  >**ActiveSync**.
2. Tap **Menu**> **Add Server Source**.
3. Enter your E-mail address and then tap **Next**.
4. Enter the user name and network password, and the name of the domain to which your computer is connected. If necessary, ask your network administrator for the name of the domain.
5. Select **Save password check box**, and then tap **Next**.
6. Enter the server address, and tap **Next**.
7. Select E-mail and any other data you want to synchronize with Exchange Server, and then tap **Finish**.

Set up synchronization with an Internet E-mail account

An Internet E-mail account is an account that you access on the Internet through an Internet service provider such as Yahoo! Mail. If you already have an E-mail account with an ISP or a mobile operator, set up E-mail synchronization between your device and that account by using this procedure.

Note: Your device must have an Internet connection before you can perform this procedure.

1. Tap  >**Programs** >**Messaging**>**Setup E-mail**.
2. Enter your E-mail address and password, select **Save password**, and then tap **Next**.
3. Do one of the following:
 - If Auto Setup finds settings for your E-mail provider immediately, go to step 4.
 - If Auto Setup does not find settings immediately for your E-mail provider, go to step 6.

4. To obtain E-mail server settings automatically, select **Try to get E-mail settings from the Internet**, and then tap **Next**.

Auto Setup tries to download necessary E-mail server settings so that you do not have to enter them manually.

5. When **Auto Setup** has finished, tap **Next**.

If you choose not to use **Auto Setup**, or **Auto Setup** did not find the settings, go to step 6.

If **Auto Setup** found the settings and complete successfully, go to step 11.

6. In the **Your E-mail provider** field, select **Internet E-mail**, and then tap **Next**.

7. Enter your name and then tap **Next**.

8. Enter your Incoming mail server and Account type information, and then tap **Next**.

9. Enter your user name and password.

By default, the Save password check box is selected and the device saves your password so that you do not need to enter it every time that you re-connect. If you do not want the device to save your password, clear the check box, and then tap **Next**.

10. Enter your Outgoing (SMTP) mail server information, and then tap **Next**.


11. In the **Automatic Send/Receive** field, select how frequently you want the device to synchronize with the Internet E-mail account.

12. Tap **Finish**.

Set up synchronization with a Windows Live Hotmail account

You can set up your device to access your Windows Live Hotmail account for sending and receiving E-mail.

Note: Your device must have an Internet connection before you can perform this procedure.

1. Tap  >**Programs>Messaging>Setup E-mail**.
2. Enter your E-mail address and password, select **Save password**, and then tap **Next**.
3. When **Auto Setup** has finished, tap **Next**.
4. Tap **Accept**.
5. If you do not want Windows Live options to appear on the **Today** screen, clear **Live**

Search bar and **Windows Live services** check boxes, and then tap **Next**.

6. If you want to synchronize contacts and E-mail, make sure that the check boxes next to **Store Windows Live contacts in your mobile device's contact list** and **Sync E-mail** are selected. Make sure that **Merge duplicates contacts** check box is selected if you want your contacts to show in your on-device contact list.
7. Tap **Next**. The device will try to synchronize with your hotmail account.
8. Tap **Finish**.

10.4 Using ActiveSync tools

Once you've established the connection partnership between your phone and the other device, you can start synchronization. The information you can synchronize includes contact information, calendar appointments, media files and E-mail messages, etc.

Synchronize Contacts

You can synchronize contact items on you phone with contact items on your PC or Microsoft® Exchange Server. For more information on synchronization, see ActiveSync Help on the PC.

Synchronize Calendar

You can synchronize calendar items on you phone with calendar items on your PC or Microsoft® Exchange Server. For more information on synchronization, see ActiveSync Help on the PC.

Synchronize Music and Video


Install Windows Media Player Version 10 or the later version on PC. And insert a storage card into your phone. Before synchronizing music and video with your phone, make sure that ActiveSync works with Windows Media Player and all media synchronization settings must be set in Windows Media Player. Refer to Help of Microsoft® Media Player for more information.

Synchronize E-mails

You can synchronize E-mails on you phone with E-mails on your PC or Microsoft® Exchange Server. For more information on synchronization, see ActiveSync Help on the PC.

Start Synchronization

Before you start synchronizing with the Exchange Server, make sure that your phone has been set up with a data connection to the Internet so that you can synchronize wirelessly.

1. Tap  > **ActiveSync>Sync**.
2. To end synchronization before it completes, tap **Stop**.

11 Specifications

Dimension	Approx. 114 mm × 66 mm × 11.9 mm
Weight	Approx. 139 g (with battery)
Bearer	GSM/WCDMA support
Main Display dimension, resolution, color space	2.5", 320*240, 65K color
Front Camera	
Sensor Type	CMOS
Still Image Capture Resolution	0.3M Pixels
Back Camera	
Sensor Type	CMOS
Still Image Capture Resolution	3.2M Pixels
Total internal memory size	128MB
Free user memory size	About 100MB (depending on the installed language packages)
Removable memory card	Support Micro SD card
Maximum Capacity of memory card	8GB
Battery	
Capacity	1300 mAh
Standby time	Approx. 250 h (subject to network status)
Voice talk time	Approx. 240 min (subject to network status)
WAP browser version	WAP2.0

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13 Troubleshooting

This section describes how to troubleshoot some problems when they occur to your phone.

Why can't I turn on my phone as I press the power key?

Either you didn't press the key long enough, or the phone has shut down because the battery power level is too low. Please recharge the battery.

What can I do as my phone displays "Enter PIN" when it is switched on?

Input the PIN or input the new PIN if you have changed the code. You can also disable the PIN if you do not want to input. See *Setting Up Your Device-Setting Up Security- Secure the (U)SIM Function-Disable the (U)SIM PIN*.

Why does my phone display "✖", what does this mean?

Turn off your phone and make sure that you have inserted a valid (U)SIM card.

What can I do as my phone display "Unlock"?

Enter the device lock code. See *Setting Up Your Device-Setting Up Security- Secure Your Device*.

Why can't my phone make any sound alerts?

Check the current sound settings. See *Setting Up Your Device –Basic Settings-Set Events Notifications* or *Setting Up Your Device –Basic Settings-Set the Ring Tone*.

Why are some calls not processed?

Certain call barring function may have been set to restrict phone usage. Check the call barring status and cancel as necessary.

14 Declaration of RoHS Compliance

To minimize the environmental impact and take more responsibility to the earth we live, this document shall serve as formal declaration that the R1010 manufactured by ZTE CORPORATION are in compliance with the Directive 2002/95/EC of the European Parliament - RoHS (Restriction of Hazardous Substances) with respect to the following substances:

- (1) Lead (Pb)
- (2) Mercury (Hg)
- (3) Cadmium (Cd)
- (4) Hexavalent Chromium (Cr (VI))
- (5) Polybrominated Biphenyls (PBBs)
- (6) Polybrominated Diphenyl Ethers (PBDEs)

...

(Compliance is evidenced by written declaration from our suppliers, assuring that any potential trace contamination levels of the substances listed above are below the maximum level set by EU 2002/95/EC, or are exempt due to their application.)

The R1010 manufactured by ZTE CORPORATION, meet the requirements of EU 2002/95/EC; however, some assemblies are customized to client specifications. Addition of specialized, customer-specified materials or processes which do not meet the requirements of EU 2002/95/EC may negate RoHS compliance of the assembly. To guarantee compliance of the assembly, the need for compliant product must be communicated to ZTE CORPORATION in written form.

This declaration is issued based on our current level of knowledge. Since conditions of use are outside our control, ZTE CORPORATION makes no warranties, express or implied, and assumes no liability in connection with the use of this information.

15 Disposal of your old appliance



1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.