

ZTE Tania
WCDMA/GSM Mobile Phone
User Manual

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For Your Safety

General Safety

	Don't make or receive handheld calls while driving. And never text while driving.		Don't use at petrol stations.
	Keep your phone at least 15mm away from your ear or body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause a choking.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid contact with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.		Avoid extreme temperatures.
	Switch off when asked to in hospitals and medical facilities.		Avoid contact with liquids. Keep your phone dry.
	Switch off when told to in aircrafts and airports.		Don't take your phone apart.

	Switch off when near explosive materials or liquids.		Only use approved accessories.
	Don't rely on your phone for emergency communications.		

Radio Frequency (RF) Exposure

General Statement on RF Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 1.3 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on

the body as described in this user guide**.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

* The tests are carried out in accordance with EN 50360, EN 62209-1, and EN 62209-2.

** Please see body worn operation.

Body Worn Operation

Important safety information regarding radio frequency radiation (RF) exposure:

To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 15 mm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Limiting Exposure to Radio Frequency (RF) Fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page <http://www.who.int/peh-emf> (WHO Fact sheet 193: June 2000).

Regulatory Information

The following approvals and notices apply in specific regions as noted.

Please find the section Declaration of RoHS Compliance and CE DOC in the end of this manual.

National Restrictions on Wi-Fi Usage

2400.0-2483.5 MHz

Country	Restrictions	Reason/remark
Bulgaria		General authorization required for outdoor use and public service

France	Please don't use Wi-Fi function outdoors	Military Radiolocation use. Refarming of the 2.4 GHz band has been ongoing in recent years to allow current relaxed regulation. Full implementation planned 2012.
Italy		If used outside of own premises, general authorization is required.
Luxembourg	None	General authorization required for network and service supply (not for spectrum).
Norway	Implemented	This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.
Russian Federation		Only for indoor applications.

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 can 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 may become detached and create a choking hazard.

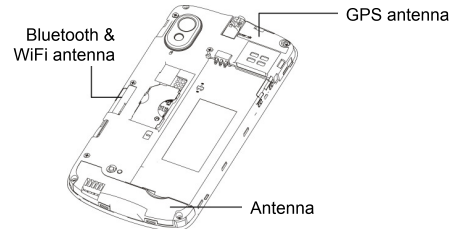
Demagnetization

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.

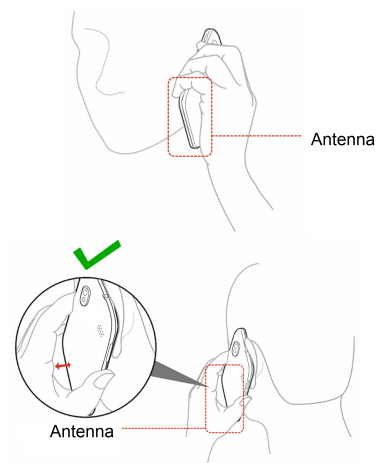
Antenna



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.

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 can 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.

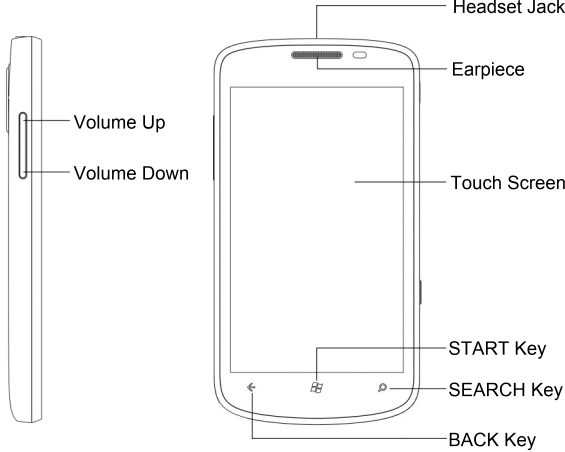
Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

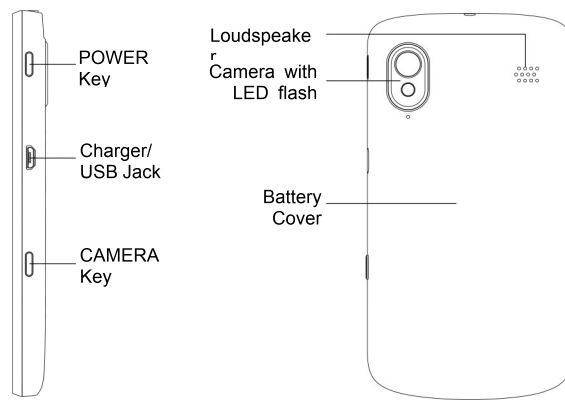
Blasting Caps and Areas

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.

Getting Started

Overview





Keys Explained

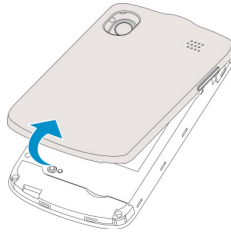
Key	Function
POWER Key	• Press and hold to turn on or off the phone. • Press to switch your phone to Sleep mode. • Press to wake up your phone.
CAMERA Key	• Press fully to start the camera. • When the camera is started, press halfway to adjust the focus; press fully to take a photo.
BACK Key	• Tap to go one screen back. • Tap and hold to see and switch running apps.
START Key	• Tap to go back to the Start Screen. • Tap and hold to use voice recognition.
SEARCH Key	Tap to use Bing search.
Volume Keys	Press or hold to turn the volume up or down.

Starting up

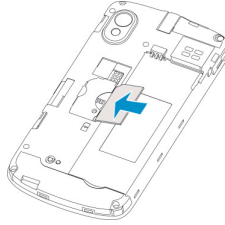
Installing the SIM Card and Battery

Switch off your phone before installing or replacing the battery or the SIM card.

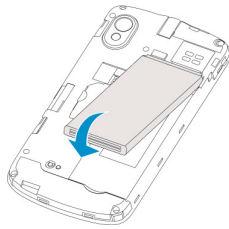
1. Remove the back cover.



2. Hold the SIM with the cut corner oriented as shown and slip it into the card holder.



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



4. Press the cover gently back into place until you hear a click.

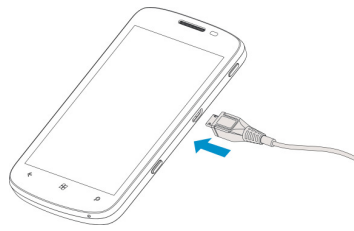
Removing the Battery and SIM Card

1. Make sure that your mobile phone is off.
2. Remove the back cover.
3. Lift the battery up and out.
4. Slide the SIM out.

Charging the Battery

When you first get your new phone you'll need to charge the battery.

1. Connect the adapter to the charger jack. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into the charger jack.



2. Connect the charger to a standard AC wall outlet.
3. Disconnect the charger when the battery is fully charged.

Switching Your Phone On/Off

Make sure the SIM is in your device and the battery is charged.

- Hold **Power Key** to switch on your phone.
- To switch it off, hold **Power Key**. Then slide down the picture on the screen.

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Sorting out Your Phone Settings – Privacy: Reset to Factory Settings* in the manual), you need to do some settings before using it.

1. In the welcome screen, tap **get started** and select the language you want to use.

2. Tap **next**. If you have changed the language, tap **ok** for the phone to reboot and then tap **next**.
3. Read the **Windows Phone Terms of Use** and **Privacy Statement**. Tap **accept** to continue.
4. Tap **recommended** to enable mobile data and send information to Microsoft for product improvement. Or tap **custom** to select the options you want to enable and tap **next**.
5. Choose the time zone you are in and tap **next**.
6. Set the correct date and time. Tap the date or time box and then scroll up or down to select the exact digits. Tap **next** when you finish.
7. Sign in or create a Windows Live ID. You need it to get apps, games, and music from Marketplace, find a lost phone, and more. Tap **not now** to sign in or create an account later.
8. Tap **done**. The phone will show the Start screen.

Switching to Sleep Mode

To save battery power, Sleep Mode suspends your device to a low-power-consumption state while the display is off. Your device also goes into Sleep Mode by itself when the display is automatically turned off after a certain period of time, which you can set in **Settings > system > lock+wallpaper > Screen times out after**.

Press **Power Key** to switch to Sleep Mode.

Waking up Your Phone

1. Press **Power Key**. The phone displays the lock screen.
2. Press the bottom of the screen and slide your finger up.



NOTE: If you have set a phone password (see *Sorting out Your Phone Settings – Security Settings* in the manual) you'll need to enter the password to unlock your screen.

Getting Around

Touch Control

You can use finger gestures to control your phone. The controls on your touch screen change dynamically depending on the tasks you're performing.

1. Tap the buttons, icons, or applications to select items or to open applications.
2. Tap and hold an item by keeping your finger on it to see the available options.
3. Flick the screen to scroll up, down, left or right.
4. Point, drag and drop to move particular items across the screen.
5. Pinch with two fingers, or double-tap the screen, to zoom in/out on a web page or an image.

NOTE: You can view the phone screen in portrait or landscape orientation simply by holding the phone upright or turning it on its side.

Start Screen

The Start screen consists of several tiles that continuously update and show you related information. For example, in the default Start screen, you can see your photo albums in the pictures tile, your upcoming schedule in the calendar tile, mobile network information in the phone tile.

Simply flick your finger up or down to scroll the Start screen.



Rearranging the Start Screen Tiles

1. Tap and hold the tile you want to move until other tiles recede.
2. Drag the tile to a new position in the Start screen.
3. Tap the screen to dock the tile.

Pinning New Items to the Start Screen

Lots of stuff can be pinned to the Start screen, such as apps, contacts, and office documents.

To pin something to the Start screen, tap and hold it until a menu pops up. Then tap **pin to start**.

Removing a Tile From the Start Screen

1. Tap and hold the tile you want to remove until other tiles recede.
2. Tap  on the upper-right corner of the tile.

Status Icons

Your phone will tell you exactly what's going on by showing you different icons. Simply tap the top of the screen to see the icons. After a few seconds, they will disappear again.

Here's some of the icons you may see and what they mean.

	GPRS connection		No signal
	EDGE connection		Signal strength
	3G connection		No SIM installed
	HSPA connection		SIM card locked
	Battery flat		WiFi on but not connected
	Battery very low		Connected to a WiFi network
	Battery medium		Bluetooth connected
	Battery high		Silent mode
	Battery full		Vibrate mode (vibrate and no ringtone)

	Battery charging		Airplane mode
	Call forwarding		

TIP: When the phone notifies you of something on top of the screen, for instance, a new message or a new found WiFi network, tap the notification area to open the related screen, such as the new message or WiFi settings.

Accessing the applications and Settings

From the Start screen, tap  or flick your finger left to see all your apps and settings.

Hubs

Your Windows Phone simplifies related experiences by combining them into one hub. You can see all your contacts and check out their status updates on social networks from the People Hub; check all your music, video, podcast and listen to FM radio from the Music+Videos Hub; explore Office documents on your phone or online from the Office Hub, and more.

Flick left or right in a hub to view different categories of information.

Adjusting the Volume

Press the **Volume Up** or **Volume Down** Key to adjust the volume to your desired level. At the same time, numbers will appear on top of the screen to show the current volume level.



Tap the  icon on the right to turn off ringtone and make the phone only vibrate or silent.

Tap the  or  icon to turn ringtone back on.

Searching

1. From the Start screen, press **SEARCH Key** to open the Bing™ search screen.
2. Tap the search box and enter the key words with the onscreen keyboard. Then tap  on the keyboard to see the search results.
3. Tap the categories below the search box or flick left or right to check out other results in other categories.

TIP: Tap , ,  or  to search for local businesses, scan barcodes or texts, use audio search to find songs, or use your voice to do a search.

Voice Interaction

From any screen on your phone, tap and hold **START Key** to bring up the Microsoft Tellme screen. Now you can use your voice to call your contacts, open applications, text a friend, search the web, and more.

Tap  to learn what you can do and how to use this feature.

Switching Between Running Applications

You can have multiple applications running on your phone.

When you want to open another application without exiting the current one, tap **START Key** and tap . Then tap the new application you want to open.

To switch back to the previous application, first tap and hold **BACK Key** to see all running applications. Then flick left or right to find the application you want and tap to restore it.

Setting Up an Account

Set up an email, Windows Live, Google, and social network account to synchronize emails, contacts, or receive updates on your phone.

1. From the Start screen, tap .
2. Tap **Settings > email+accounts > add an account**.
3. Tap the account you want to set up and enter the email address and password.
4. Tap **sign in**.

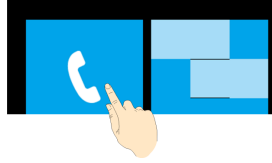
Phone Calls

How to Make Calls

There are many ways to make a call with your phone. And they're all easy to do.

Calling With the Keypad

1. Tap the Phone tile in the Start screen.



2. Tap  to open the keypad.
3. Enter the phone number
Tap  to delete wrong digits.
4. Tap **call**.

TIPS: To make international calls, hold 0 to enter the “+”.

Calling From Your Contacts

1. From the Start screen, tap the People tile.
2. Flick up or down to scroll the contacts list and tap the contact you want to call.

You can search for a contact by tapping  at the bottom of the contact list.

3. Tap the phone number.

Calling From Your Call History

1. Tap the Phone tile in the Start screen.
2. Tap  in front of the name or number you want to call in the history list.

Calling Your Voicemail

Press and hold 1 key from the keypad to call your voicemail.

How to Receive Calls

When you have an incoming call, the caller number appears on the screen.

Answering or Rejecting a Call

If	How to answer	How to reject
Display is on	Tap answer	Tap ignore
Display is off	Press the bottom of the screen and slide your finger up. Then tap answer .	Press the bottom of the screen and slide your finger up. Then tap ignore .

Muting a Call

During a call, you can mute your microphone so that the person you are speaking to cannot hear you, but you can still hear them:

Tap **mute** to turn your microphone off. The mute button changes color. To turn your microphone back on, tap **mute** again.

Putting a Call on Hold

During a call, you can put it on hold by tapping **hold**. The hold button changes color.

To restore the call, tap **hold** again.

TIPS: If you accept an incoming call while you're on another call, the first call automatically goes on hold. Just tap **TAP TO SWAP** on top of the screen to switch between the two callers.

Turning the Speakerphone On/Off

Tap **speaker** during a call to turn the speakerphone on. This speaker button changes color. Tap **speaker** again to turn off the speakerphone.

Ending a Call

Tap **end call** to finish a call.

Adjusting Your Call Settings

From the Start screen, you can open the call settings menu by tapping the Phone tile and selecting ... > **call settings**.

Voicemail number	Show the current voicemail number. Tap to change it.
Show my caller ID to	Set who can see your phone number when you call.
Call forwarding	Forward your incoming calls to a different number.
International assist	Correct common mistakes automatically when you dial internationally or from abroad.
SIM security	See <i>Sorting out Your Phone Settings – Security Settings – Protecting Your SIM With a PIN</i> in this manual.

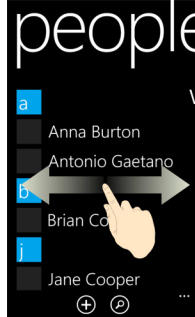
People

The People Hub stores all your contacts information. When you sign in to an email or other accounts, such as Windows Live, Outlook, Google, and Facebook, your contacts from these accounts will also be imported to your phone, and you can receive status updates from these contacts.

Tap the People tile in the Start screen to open the People Hub.

In **all**, you can see all contacts you've created on the phone as well as those imported from your email or other accounts.

If you have signed in to Windows Live or other social network accounts, you can flick left or right to see status updates from your online friends.



Importing SIM Card Contacts

Your phone does not automatically show contacts saved in your SIM card. You need to import them to your phone and here is how.

1. From the Start screen, tap the People tile to open the People Hub.
2. Under **all** in the People Hub, tap **settings > import SIM contacts**.

Contact Information

Under **all** in the People Hub, tap a contact to see his or her profile. You can call, text, or email the contact from the profile screen.

TIPS: Tap and hold a contact to edit or delete it.

If the contact is your Windows Live, Facebook, or Twitter friend, you can flick left or right to see status updates, picture albums, recent conversations or recent calls.

Creating a Contact

1. Under **all** in the People Hub, tap  > **new contact**.
2. If you have signed in to multiple accounts, choose the account that the new contact belongs to.

3. Enter the contact name, phone numbers, and other information.
4. Tap  to save the contact.

Searching for a Contact

1. From the Start screen, tap the People tile.
2. Tap  at the bottom of the contacts list.
3. Input the contact name you want to search for.

The contacts matched will be listed as you type.

TIPS: Contacts are sorted in alphabetic either by the first name or the last name, depending on the setting. You can tap any letter and then select the letter you need to quickly jump to the contacts with that first name or last name initial.

Linking Contact Information

If someone's contact information is saved on your phone and your phone has also imported the same contact from your Windows Live or other accounts, it is possible that you may see duplicated entries for the same person in the contact list.

Your phone can automatically link most of the duplicated entries, but if it does not, you can manually do so, so that you can see someone's information in a single profile.

1. Tap the People tile from the Start screen.

2. Under all in the People Hub, tap the name of the contact you want to link.
3. Tap  at the bottom of the screen and then tap **choose a contact**.
4. Tap the contact that you want the current contact to link to. Then tap **BACK Key**.

Unlinking Contact Information

1. To break the link you have created, tap the contact name in the People Hub.
2. Tap the link icon at the bottom of the screen.
3. Tap the name whose contact information you want to unlink.
4. Tap **unlink**.

Creating a New Group

1. In **all** of the People hub, tap  > **new group**.
2. Enter the group name and tap .
3. Tap  > **add a contact** and tap the contact you want to add to the group. Tap **add a contact** again to add more.
4. Tap **BACK Key**.

Now you can see all contacts in the group. Flick left or right to check updates from the group members.

The Me Tile

After you sign in to Windows Live or certain social network accounts, a Me tile is automatically created on the Start screen, from which you can check your own profile, status updates, and comments you have received, or post a message, change your photo avatar and chat status, or reply to the comments you received.

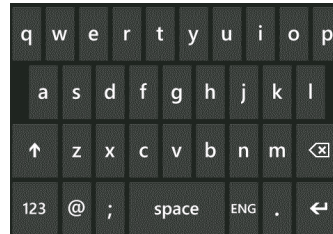
Using the Keyboard

When you enter a field that needs text or numbers, a keyboard automatically appears on the screen. After entering your text, press **BACK Key** to close the keyboard.

Entering Text

The keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change from portrait to landscape with larger keys for you to type with.

Use the following keys when entering text. Note the keyboard layout may change slightly in different apps.



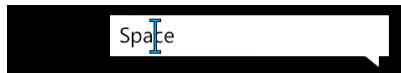
- Tap the alphabetic keys to enter letters. Tap and hold the keys to enter associated accented letters or numbers. For example, to enter È, tap and hold “E” and the available accented letters appear. Then tap to choose È.

- Tap  once to use uppercase for the next letter. Tap the key twice to lock in uppercase mode.
- Tap  to delete any text you have entered.
- Tap  to select numbers and symbols. You can then tap  to find more.
- Tap  to choose a smiley face; You can then tap  to find more.
- Tap  to return to the alphabetical keyboard.
- Tap  to start a new line.
- Tap **ENU** to change input language. You can enable more languages by tapping  > **Settings** > **keyboard** from the Start screen.

Moving the Cursor

When entering text, you might want to move the cursor back. Here is how.

1. Tap and hold the text box. A floating cursor will appear.
2. Drag the cursor to the position you want in the text field. Then release your finger.



Copying and Pasting

1. Tap the text field. The word you tapped will be selected.
2. Move the cursors before and after the word to adjust the selection.
3. Tap  to copy the selected text.
4. Move the cursor to the position you want to paste.
5. Tap  to paste the text.

Changing Keyboard Settings

1. From the Start screen, tap  > **Settings** > **keyboard**.
2. Tap to check or uncheck the keyboard languages you need. You can also tap **typing settings** to choose more options.

Messaging

Your SMS (text message) and MMS (multimedia messaging service) are combined into one menu. On the Start screen, tap the Messaging tile to see it.

The Message Box

Instead of an inbox and outbox, your phone organizes all messages you sent and received into one box, where messages exchanged with the same number are grouped into one message thread in the Messaging screen. You can tap a thread to see the conversation you have had with someone.

Message threads are sorted in chronological order with the latest one on top.

Sending an Message

1. Tap the Messaging tile from the Start screen.
2. Tap .
3. Enter the recipient's number or name. As you type, matching contacts will appear. Tap a suggested contact to add as a recipient.
4. Tap **type a text message** and type your message.
 - You can also tap  to use voice recognition. Your phone will convert the message you speak into text.

- If you are sending an MMS, tap  to add a picture. You can either add from your albums, or tap  to shoot a new picture.

5. Tap  to send your message.

Managing Message Threads

Deleting a Message Thread

1. In the Messaging screen, tap and hold the thread you want to delete, and then tap **delete**.
2. Tap **delete** to confirm.

Deleting a Message

1. In the Messaging screen, tap the thread to see the conversation you've had with a certain contact.
2. Press and hold the message you want to delete.
3. Tap **delete > delete**.

Changing Message Settings

The phone's message settings are pre-configured for you to use immediately. To change them, tap ... > **settings** from the Messaging screen.

Online Messaging

If you have signed in to your Windows Live, Facebook, or other accounts that support online chat, you can send and receive online messages to your friends in these accounts.

Tap the Messaging tile from the Start screen and flick left or right to **online** messaging.

- Tap  to create a new message.
- Tap  to pick a status.

Email

Creating an Email account

1. From the Start screen, tap  > **Settings** > **email+accounts** > **add an account**.
2. Select the type of your account.
 - Tap **Outlook** if you want to add a Microsoft Exchange Server account.
 - Tap **other account** or **advanced setup** if the account you want to add is not in the list. The advanced setup requires you to manually input the incoming and outgoing servers. Consult your email service provider if necessary.
3. Enter the email address and password. Then tap **sign in**.
For Microsoft Exchange Server account, you might need to ask your Exchange Server administrator for detailed parameters.

After the account is created, a new tile for the account is created in the Start screen and a new shortcut appears in the application list.

Receiving Emails

Tap the tile for the email account in the Start screen to open the email inbox. Flick left or right to see only unread, urgent or other categorized emails.

Tap  to synchronize emails in the account immediately, whatever the automatic sync settings are.

Composing and sending an Email

1. Open the email account you want to use to send the email.
2. Tap .
3. Fill in one or more recipients in the **To** field.
Tap ... > **show cc & bcc** to add carbon copy and blind carbon copy recipients.
4. Enter the email topic in the **Subject** field.
5. Tap the space below the Subject field to enter the email text.
Tap  to add pictures to the email as attachments.
Tap ... > **priority** to change email priority.
6. Tap  to send the email immediately, or tap  > **save** to send the email later.

Replying to or Forwarding an Email

1. Open the email you want to reply to or forward from the INBOX screen.
2. Tap  > **reply** / **reply all** / **forward** to reply to/forward the Email.

Deleting an Account

1. From the Start screen, tap  > **Settings** > **email+accounts**
2. Tap and hold the account you want to delete and select **delete** from the pop-up menu.
3. Tap **delete** to confirm. All Email messages in the account will be deleted.

TIP: You need to reset your phone to delete the first Windows Live account. See *Sorting out Your Phone Settings – Privacy: Reset to Factory Settings* in the manual.

Email Settings

1. Tap the email account you want to set from the Start screen or the application list.
2. Tap ... > **settings** to set up sync settings, conversations, signature, and self bcc.
3. Tap  to save the settings.

Getting Connected to the Internet

Your phone's impressive networking capabilities allow you to access the Internet or your corporate network with ease.

You can use default connection settings to connect to the web via your mobile network (GPRS/EDGE/3G), or WiFi.

The GPRS/EDGE/3G connection can be enabled/disabled manually. Just tap **START Key** >  and select **Settings** > **mobile network** and tap the **Data connection** on/off switch.

Adding a New GPRS/EDGE/3G Connection

To get connected via GPRS/EDGE/3G you need a data plan with your service provider. Also if the GPRS/EDGE/3G settings are not pre-configured on your phone, please contact your provider to get the necessary information.

1. From the Start screen, tap  > **Settings** > **mobile network** > **add apn**.
2. Tap each field to enter the information you get from your provider.
3. Tap  to complete.

Turning on WiFi

WiFi provides wireless Internet access over distances of up to 300 feet (100 meters).

1. Tap  > **Settings** > **WiFi**.
2. Tap the On/Off switch to turn WiFi on.

Connecting to a WiFi Network

1. Tap  > **Settings** > **WiFi**.

The phone will show available WiFi networks, their security settings and signal strength.

2. Tap a WiFi network to connect to it.

If security features are implemented, you'll need to enter a password.

Sharing Internet

You can use the phone as a portable WLAN router, sharing your mobile data connection over WiFi with up to 5 guest devices. The function need data connection on a mobile network and will bring data charges, so get a data plan from your service provider and make sure the GPRS/EDGE/3G connection is correctly set.

1. From the Start screen, tap  > **Settings** > **Internet Sharing**.

2. Tap the On/Off switch to enable sharing.
3. The phone will show the broadcast name, password, and number of connected guests. If you want to change the broadcast name or the password, tap **setup**. You can also tap the box below **Security type** to change the WiFi as an open one.

Browsing the Internet

You can use your phone to get on the Internet via a GPRS, EDGE, 3G, or WiFi connection.

Tap the Internet Explorer tile or  > **Internet Explorer** from the Start screen to open the web browser.

There are different ways to open web pages:

- Tap the address bar at the bottom of the browser screen to enter the website you want to browse. Then tap .
- Tap ... > **favorites** from the browser screen and select a bookmark to open.
- Tap ... > **recent** from the browser screen and choose an item to open.

TIP: Some web sites automatically display a mobile version of their web pages on your phone, even when you enter a desktop version address. To view the full desktop version, tap ... > **settings** from the browser screen and select **Desktop version** in **Website preference**.

Navigating On a Web Page

Swipe your finger on the web page to view other areas of the page.

Tap the screen twice quickly to zoom in or zoom out. You can also pinch or spread the screen with two fingers to zoom out or zoom in.

Browsing Options

Press ... in the browser screen to access the following options.

- Switch browser **tabs**. You can tap  to add a new tab.
- Check recently visited web address.
- Access **favorites**.
- Add the current web address to **favorites**.
- Share the current web address through messaging, mail, or social networks.
- Pin a shortcut for the current page to the Start screen.
- Set up the web browser.

Tap  or  beside the address bar to reload or stop loading the web page.

Tap a URL link in a web page to open, share, or copy the link URL.

Managing Bookmarks

Editing a Bookmark

1. Tap ... > **favorites** in the browser screen.
2. Tap and hold the bookmark you want to edit and tap **edit**.
3. Enter your changes and tap .

Deleting a Bookmark

1. Tap ... > **favorites** in the browser screen.
2. Tap and hold the bookmark you want to remove and tap **delete**.

Changing Browser Settings

Tap ... > **settings** in the browser screen to change browser settings.

Bluetooth®

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

TIP: Your phone supports Bluetooth connection with a Bluetooth headset.

1. From the Start screen, tap  > **Settings > Bluetooth** and tap the On/Off switch to turn on Bluetooth.

Your phone automatically starts to search for visible Bluetooth devices in range, and becomes discoverable itself for other devices to find and connect.

2. Tap the device you want to pair with and, if required, enter your PIN and tap **done**.

If a PIN is required, the same PIN may need to be entered on the other device. Refer to the document for the other Bluetooth device for information on pairing mode and PIN.

To unpair from a Bluetooth device, tap  > **Settings > Bluetooth** from the Start screen. Then tap and hold the paired device and select **delete** to unpair from it.

Calendar

From the Start screen, tap  > **Calendar** to manage your schedule. Besides saving appointments on the phone, you can also synchronize appointments to your Google, Windows Live, or Microsoft Exchange ActiveSync account, once you sign in to the accounts on the phone.

Creating an Appointment

1. From the Start screen, tap the Calendar tile.
2. Tap  in **day** or **agenda** view.
3. Enter the appointment details, such as subject, location, and reminder.
Tap the **Calendar** field to choose calendar account. If you choose phone calendar, the appointment will appear on your phone only. For other accounts, the appointment will sync with the online server.
4. Tap  to save the appointment.

Calendar Views

You can open the calendar app and check your appointments in day, agenda, or month view.

Appointments that belong to different calendar accounts are shown in the day and agenda view in different colors.

- Day view: Day view displays your appointments in an hour-by-hour format. Scroll up and down to see earlier and later appointments.
- Agenda view: Agenda view lists all your appointments in chronological order.
- Month view: Tap  in day or agenda view to switch to month view. You'll see text on days that have appointments. Tap a day to view appointments on that day; scroll up and down to see earlier and later months.

Viewing an Appointment

The Calendar tile in the Start screen shows your upcoming appointments. You can check all appointments and here's how.

1. From the Start screen, tap the Calendar tile.
2. Tap the appointment you want to see in day or agenda view.

Editing an Appointment

1. From the Start screen, tap the Calendar tile.
2. Tap and hold the appointment in day or agenda view, and select **edit**.
3. Make the changes and tap  to save.

Deleting an Appointment

1. From the Start screen, tap the Calendar tile.
2. Tap and hold the appointment in day or agenda view, and select **delete**.
3. Tap **delete** to confirm. If the appointment is a reoccurring one, you need to choose to delete just that occurrence or all occurrences.

Handling Appointment Reminders

If you set a reminder for an appointment, the phone will alert you by playing a sound and displaying a reminder message when the time comes.

- Tap **snooze** to let the phone remind you later.
- Tap **dismiss** to close the reminder message.

Hiding or Showing Appointments

Now that you can manage your phone's calendar, your Windows Live calendar, Google calendar, etc, you can hide the appointments from one calendar while show those from another.

1. From the Start screen, tap the Calendar tile.
2. Tap ... > **settings**.
3. Tap the on/off switch next to the calendar you want to hide or show.

Making the Most of Multimedia

Syncing Your Phone and Your Computer

You need to install the Zune software on the computer in order to sync media contents on your phone and your computer.

1. Connect your phone and your computer with the USB cable. The Zune software on the computer will open automatically.

For first time connection, wait for the software to recognize your phone and follow the onscreen instructions to finish setup.

2. In Zune's media collection, drag the items you want to sync with the phone to the phone icon at the bottom left of the Zune window.

Taking Pictures with Your Camera

Your phone has a high-resolution digital camera. Open it by fully pressing the **CAMERA Key** or by tapping  > **Camera**.

NOTE: The first time you open the camera, you will be asked whether to share your phone's location. Sharing this will add location information to the photos you take, so you'll know where each photo was taken.

- Tap the + or – button on the screen to zoom in or out.
- Press **CAMERA Key** lightly to focus and then press it fully to take a shot. You can also tap the place you want to focus on in the viewfinder screen to take a shot. 
- To view the photo you took, just tap  or flick right in landscape orientation. Go on flicking right to see more photos or videos you shot. Or tap  or flick down in portrait orientation.

Adjusting Camera Settings

From the camera's viewfinder screen, tap  to set up focus mode, white balance, image effects, brightness, contrast, saturation, sharpness, exposure value, ISO, metering, anti-banding, photo resolution, or restore default camera settings.

Tap , ,  to turn on or off flash light, or use auto flash.

Tap **Save settings** to close the camera settings and return to the camera viewfinder screen.

Shooting Video with Your Camcorder

From the camera's viewfinder screen, tap  to open the camcorder.

NOTE: Tap  to return to the camera mode.

- Tap the + or – button on the screen to zoom in or out.
- Fully press **CAMERA Key** to start and end shooting.

- To view the video you shot, just tap  or flick right in landscape orientation, and then tap . Go on flicking right to see more photos or videos you shot. Or tap  or flick down in portrait orientation.

Adjusting Your Video Settings

From the Camcorder Screen, tap  to adjust white balance, image effects, contrast, saturation, exposure value, ISO, anti-banding, video resolution, or restore default camcorder settings.

Tap  or  to turn on or off video light.

Tap **Save settings** to close the camcorder settings and return to the viewfinder screen.

Listening to Your FM Radio

With the FM Radio, you can search for radio channels, listen to them, and save them on your phone. Note that the quality of the radio broadcast depends on the coverage of the radio station in your area. The wired headset that comes with your phone 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 tune in, plug your headset into your phone. Tap the Music+Videos tile in the Start screen, and then tap **radio** in **zune** of the **Music+Videos** Hub.

- Flick left or right to scan for available FM channels.
- Tap  or  to add or remove the current frequency to or from favorites. You can tap  to open favorites and tap a frequency to change the channel.
- Tap and hold the current frequency to pin it to the Start screen, set available options, or switch between the headset or phone speaker.
- Tap  or  to stop or resume the radio reception.

TIP: The radio continues even if you exit the radio screen. If you do not want to listen, exit the radio screen after tapping .

Playing Your Music

1. Tap **music** in **zune** of the **Music+Videos** Hub.
2. Browse your music library and tap the song you want to play.
3. Adjust the volume with **Volume Keys**.

Playing Your Videos

To play a video file, tap **videos** in **zune** of the **Music+Videos** Hub. Browse through your video gallery and tap the video you want to watch.

Listening to or Watching Podcasts

Tap **podcasts** in **zune** of the **Music+Videos** Hub. Flick left or right to browse podcast feeds, and then tap the title of the podcast you want.

Opening Your Picture and Video Gallery

The Pictures Hub

Tap the Pictures tile in the Start screen to open the **Pictures** Hub. You can view photos and videos you've captured with the phone camera, downloaded from the Internet, synchronized from your computer, or from Windows Live or other accounts.

Viewing Pictures and Videos

In the **Pictures** Hub, flick left or right to choose albums, view by category, or check out picture updates from your online friends.

Tap a picture or a video to view in full screen. You can then tap ... to share or delete local video/picture, auto-fix your photo, save online photo to your phone, and more.

Using Maps

Enabling Location Services

Some applications need to access your location data in order to offer more features. To use these features, you need to enable location services.

1. From the Start screen, tap  > **Settings** > **location**.
2. Tap the **On/Off** switch for location services to turn it on.
3. Tap **BACK Key** to return to the system settings screen.
4. Flick left to the application settings and tap the application that need location data, for example, **maps**.
5. Tap the **On/Off** switch for using your location.

Bing Maps

Bing Maps, offered by Microsoft, allows you to track your location, get directions to your destination, view traffic situation, and search for places and businesses through mobile data or WiFi connections.

From the Start screen, tap  > **Maps** to open Bing Maps.

NOTE: Real-time traffic information is only available in some areas.

Finding Your Current Location

1. Open Bing Maps.
2. Tap  at the bottom of the screen.

Viewing the Map

Moving around on the map

Slide your finger on the screen to move the map around and see other areas.

Zooming in or out on the map

Zooming in	Spread with two fingers on the map.
Zooming out	Pinch with two fingers on the map.

Viewing satellite images

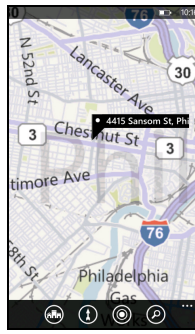
Open the **Maps** app, and tap ... > **aerial view on**.

Viewing traffic conditions

Open the **Maps** app, and then tap ... > **show traffic**.

Getting address and other information for a place on the map

1. Tap and hold a location on the map. The address of that place appears over the location.



2. Tap the address to see more information.

You can get directions to that place from your current location, or tap ... to pin the place to the Start screen, add it to your favorite places, share it via message or email, or suggest changes to the location information.

Getting Directions

1. Tap  in the **Maps** app to initiate a route search.
2. In the **Start** line, use your current location as the starting point or enter a location.
3. In the **End** line, enter your destination.

4. Tap  on the keyboard. Your phone will display the directions in a list. Tap  or  to switch between directions for walking and driving.
5. Flick up and down to scroll the list of steps.

Searching for Places

1. When viewing the map, tap .
2. Enter the address or name of the place you want to search for in the search box and tap  on the keyboard. You can also tap  in the search box to use your voice for the search.
The search results will be marked on the map with  and numbers. Tap a marker to see its address, directions, neighborhood, etc.
3. To see all the search results in a list, tap ... > **search results** when viewing the map.

Exploring Nearby Places

When viewing the map, tap  at the bottom of the screen to explore businesses and attractions around the shown area. Flick left and right to check places for eat and drink, shopping, events, sightseeing, and more.

Clearing the Map

When viewing the map, tap ... > **clear map** to remove all markers left from searches you've done for places and directions.

Sorting out Your Phone Settings

Setting Time and Date

1. From the Start screen, tap  > **Settings** > **date+time**.
2. Tap the On/Off switches to enable or disable 24-hour time format and automatic time synchronization with your mobile network.

If you want to set the time, date and time zone by yourself, turn off automatic time synchronization. Then tap **Time zone**, **Date**, and **Time** to set them up.

Changing Display Settings

Changing the Lock Screen Wallpaper

1. From the Start screen, tap  > **Settings** > **lock+wallpaper**.
2. Tap **change wallpaper** to select an image from your local or online albums.
3. Tap the image you like.
4. If the image is larger than the allowed wallpaper size, crop the image by moving the part you need into the cropping box. You can also pinch or spread to zoom out or zoom in.
5. Tap .

TIP: To give the lock screen wallpaper a more dynamic look, you can use the artist photo as the lock screen wallpaper when playing the artist's music. Tap the **On/Off** switch below **Show artist when playing music** in **lock+wallpaper** settings.

Adjusting Screen Timeout

Set the delay for the screen to automatically turn off.

1. From the Start screen, tap  > **Settings** > **lock+wallpaper**.
2. Tap the box below **Screen times out after** and tap the time before the screen turns off.

Adjusting Screen Brightness

1. From the Start screen, tap  > **Settings** > **brightness**.
2. Tap the box below **Level** to choose brightness level, or tap the **On/Off** switch below **Automatically adjust**.

Sound Settings

By tapping  > **Settings** > **ringtones+sounds**, you can adjust the sound settings, such as ringtones and alerts.

- **Ringer:** Tap the On/Off switch to enable or disable ringtone sounds. When the ringer is disabled, the phone will be silent or only vibrate.
- **Vibrate:** Tap the On/Off switch to enable or disable vibration.

- **Ringtone, New text or IM, New voicemail, or New email:** Tap each item to set ringtones or alerts for different notifications.
- **Play a sound for:** Select the occasions for playing a sound.

Language and Region Settings

Changing the language and region settings will affect display language, date format, keyboard layouts and more.

1. From the Start screen, tap  > **Settings** > **region+language**.
2. Tap the item you want to change and select the option you think fit.
3. Some changes require you to restart the phone. Tap **Tap here to accept changes and restart your phone** if necessary.

Mobile Network Services

Turning On/Off Airplane Mode

Turning on airplane mode will disable mobile, WiFi, FM radio, and Bluetooth connections. While in airplane mode, you can turn back on WiFi, FM, and Bluetooth separately.

1. From the Start screen, tap  > **Settings** > **airplane mode**.
2. Tap the **On/Off** switch below **Status**.

Setting Up the Mobile Network

- **Data connection:** Turn on or off mobile data service.
- **Data roaming options:** Allow or forbid data service when on a roaming network.
- **3G connection:** Choose whether to use 3G connection when available.
- **Network selection:** Switching mobile networks. Tap automatic to let the phone register automatically, or tap **press to select** to search and select network manually.
- **add apn / edit apn:** Add or edit APN for mobile data connection. Contact your service provider for the parameters.

Security Settings

Protecting Your Phone with a Password

Set up a password for your phone, so every time you turn on the phone or wake it up from Sleep Mode, you need to enter the password.

1. From the Start screen, tap  > **Settings** > **lock+wallpaper**.
2. Tap the **On/Off** switch below **Password**.
3. Enter the password in the **New password** box and the **Confirm password** box.
4. Tap **done**.

Protecting Your SIM with a PIN

Every SIM card comes with a PIN. The initial PIN is provided by your mobile phone carrier. It's best to lock your SIM as soon as you can.

1. Tap the Phone tile in the Start screen.
2. Tap ... > **call settings**.
3. Tap the **On/Off** switch below **SIM security**.
4. Enter the PIN you've been given and tap **enter**.

Changing Your SIM PIN

You can change the PIN you've been given to one easier for you to remember and harder for others to guess.

1. Tap the Phone tile in the Start screen.
2. Tap ... > **call settings**.
3. Tap **change SIM PIN**.
4. Enter the old PIN and tap **enter**.
5. Enter your new PIN and tap **enter**.
6. Enter the new PIN again and tap **enter**.

Restoring a Locked SIM Card

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

Protecting Your Phone When You Lose It

You can find your lost phone on a map, make it ring, lock it, or erase your personal information on it by signing in to your Windows Live account at windowsphone.com.

To use this function, sign in to the same Windows Live account on the phone and make sure the phone's data service is enabled or WiFi is connected.

Privacy: Reset to Factory Settings

From the Start screen, tap  > **Settings** > **about** > **reset your phone** > **yes**.

WARNING: All your personal information and downloaded applications on your phone will be erased after the resetting.

Managing Application Settings

From the Start screen, tap  > **Settings** and flick left or right to access the application settings.

Tap the application in the list to see available options.

Managing Other Settings

- **theme**: Set the background and accent color to match your mood.

- **battery saver:** Turn on battery saver to preserve the battery.
- **ease of access:** Turn on TTY/TDD mode or speech for phone accessibility.
- **phone update:** Choose if you want to be notified when new updates are found and how you want the phone to check for updates.
- **about:** View phone information, terms of use, privacy statement, or reset your phone to factory settings.
- **feedback:** Choose whether to send feedback to Microsoft and how to send it.
- **SIM applications:** Use applications in your SIM card if available.

Other Applications

Alarms

1. From the Start screen, tap  > **Alarms**.
2. Tap  to create a new alarm.
3. Set time, repeat, sound, and alarm name. Tap  to save.

In the alarms list, tap the on/off switches to turn on/off each alarm.

Calculator

From the Start screen, tap  > **Calculator**.

Games

Tap the **Games** tile from the Start screen. You can sign in to your Xbox Live account to download and play games from the Marketplace.

Marketplace

Tap the **Marketplace** tile from the Start screen. You can sign in to your Windows Live account to download games, apps, and music.

Office

From the Start screen, tap  > **Office** to use the mobile version of Microsoft Office OneNote, Microsoft Office Word, Microsoft Office Excel, and Microsoft Office PowerPoint.

You can create OneNote, Word, and Excel documents, edit and view OneNote, Word, Excel, and PowerPoint documents, no matter they are on your phone or online.

Specifications

Dimensions		128.6mmx67.8mmx10.7mm
Weight		Approx. 158 g (with battery)
Bearer		GSM/WCDMA support
Main display dimension, resolution		4.3 inches 480x800
Back Camera	Sensor type	CMOS
	Still image capture resolution	5M Pixels with auto focus
Battery	Capacity	1400mAh
	Standby time	Approx. 200 hours (subject to network status)
	Voice talk time	Approx. 240 min (subject to network status)

Declaration of RoHS Compliance

To minimize the environmental impacts and take more responsibilities to the earth we live on, this document shall serve as a formal declaration that the ZTE Tania manufactured by ZTE CORPORATION is 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)

The ZTE Tania manufactured by ZTE CORPORATION, meets the requirements of EU 2002/95/EC.

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.
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For this product's recycling information based on WEEE directive, please send an e-mail to weee@zte.com.cn

EC DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: WCDMA/GSM (GPRS) Dual-Mode
Digital Mobile Phone

Model No: ZTE Tania

Complies with the essential protection requirements of the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) and the Electromagnetic Compatibility Directive (2004/108/EC)

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) was performed by American TCB (Notified Body No.1588), based on the following standards:

Safety	EN 60950-1:2006/A11:2009
EMC	EN 301 489-1 V1.8.1; EN 301 489-3 V1.4.1; EN 301 489-7 V1.3.1; EN 301 489-17 V2.1.1; EN 301 489-24 V1.4.1; EN 55013:2001+A2:2006; EN 55020:2007;
Radio	EN 301 511 V9.0.2; EN 301 908-1 V4.2.1; EN 301 908-2 V4.2.1; EN 300 440-1 V1.6.1; EN 300 440-2 V1.4.1; EN 300 328 V1.7.1;
Health	EN 50360:2001; EN 62209-1:2006; EN 62209-2:2010; EN 50332-1:2000; EN 50332-2:2003;

This declaration is the responsibility of the manufacturer:

ZTE Corporation

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,
Nanshan District, Shenzhen, Guangdong, 518057,
P.R.China

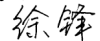
Authorised person signing for the company:

Xu Feng Quality Director Of ZTE Corporation

Name in block letters & position in the company

Shenzhen, 23 Nov. 2011

Place & date



Legally valid signature

This equipment may be operated in:				AT	BE
CY	CZ	DK	EE	FI	FR
DE	GR	HU	IE	IT	LV
LT	LU	MT	NL	PL	PT
SK	SI	ES	SE	GB	IS
LI	NO	CH	BG	RO	TR