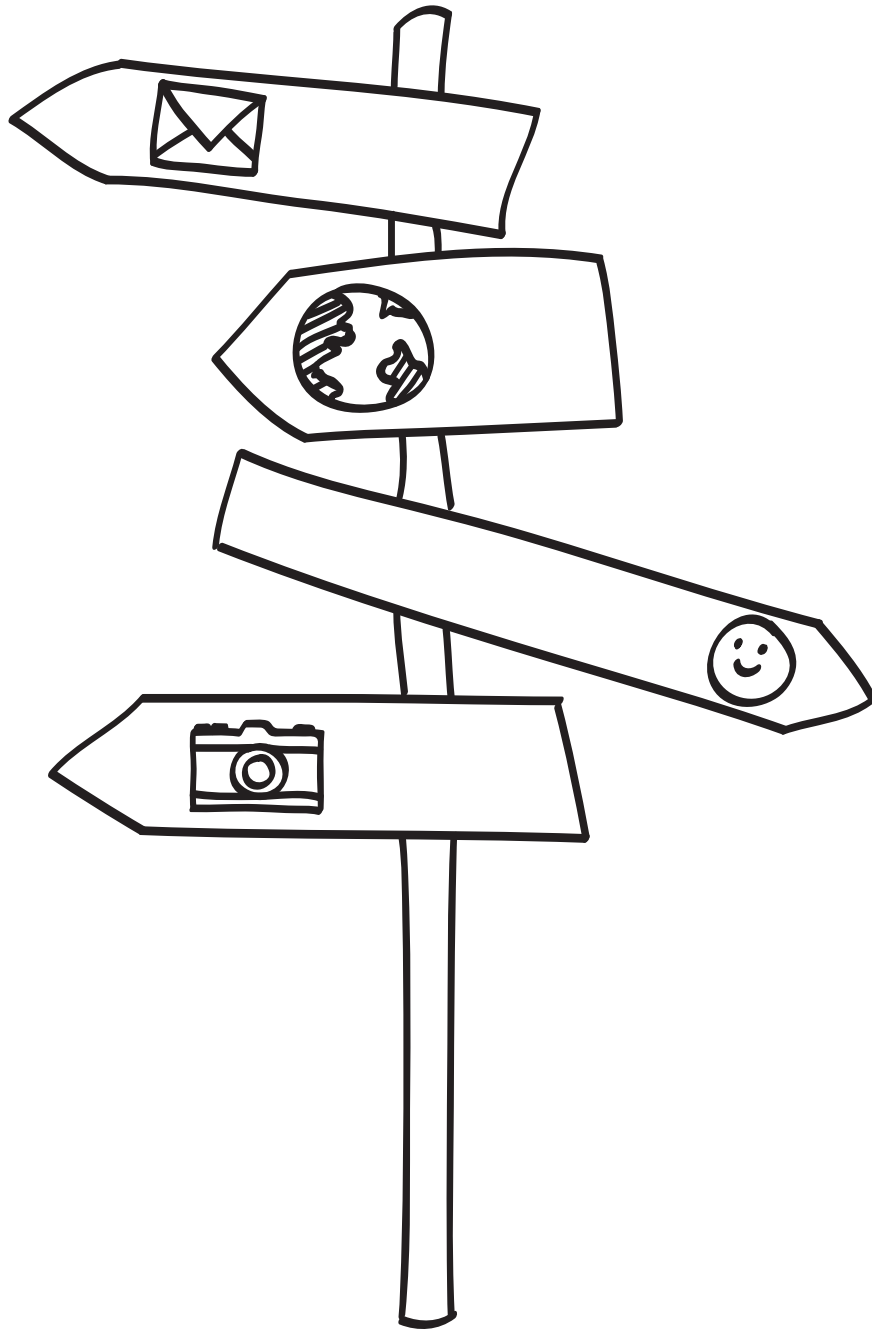


# Your **HTC** Surround

## User guide



**htc**  
*quietly brilliant*

---

## Icons used in this guide

---

In this user guide, we use the following symbols to indicate useful and important information:



This is a **note**. It might give extra information that's only applicable in certain situations. Or explain a specific feature in a bit more detail.



This is **important info**. Stuff you really need to know to accomplish a task or get a feature to work properly.



This is a **tip**. It might provide an alternative way to do something or tell you about a special option you might find useful.



This is a **safety precaution**. Read these carefully to avoid any potential problems when using your phone.

### Want more info?

For other helpful resources, go to [www.htc.com/support](http://www.htc.com/support). Please also read the Safety and regulatory guide that's included in the box.

For additional information about your phone, go to [windowsphone.com](http://windowsphone.com).

**Note:** Certain Microsoft services/features may not be available in your country or region.

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# Basics

## Inside the box

You'll find the following inside the box:

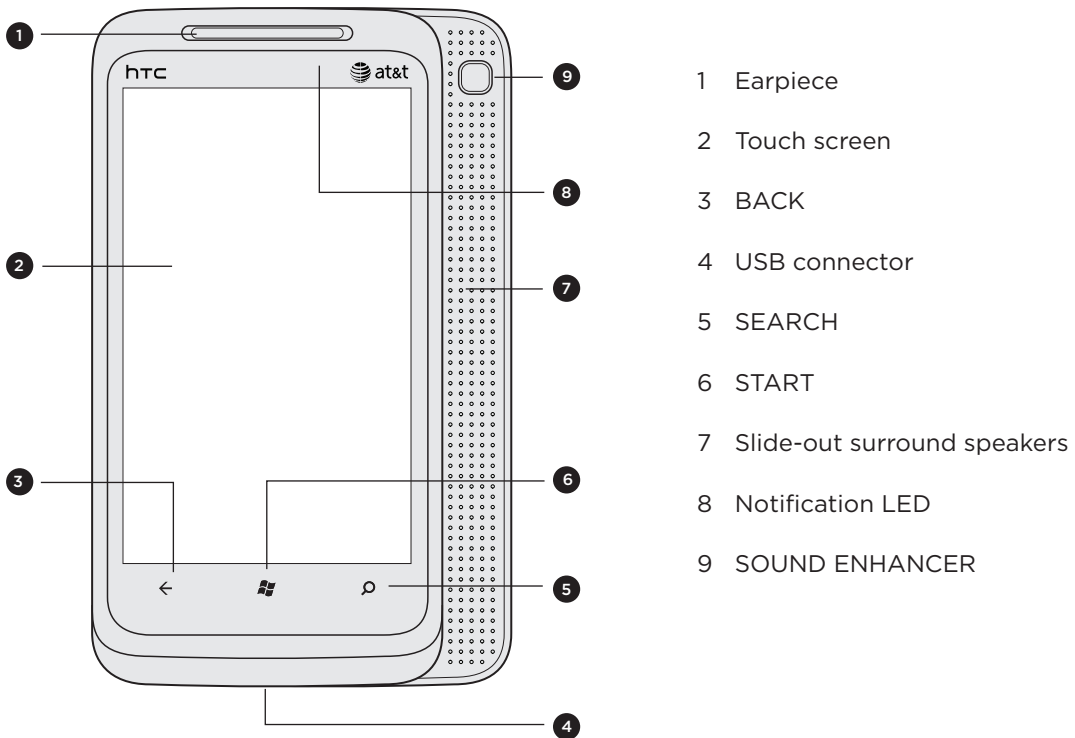
- Phone
- Battery
- USB cable
- 3.5mm stereo headset
- Power adapter
- Start here guide
- Quick guide
- Safety and regulatory guide

## Your phone

---

### Front panel

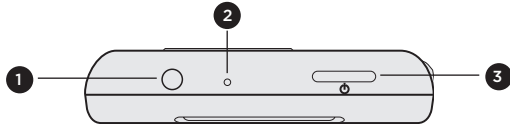
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## Top panel

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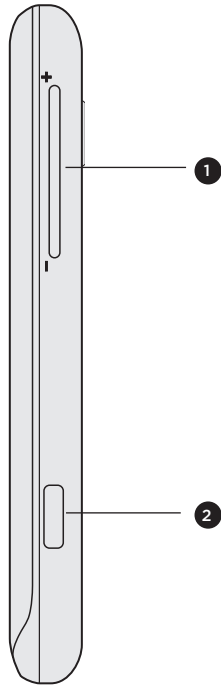


- 1 3.5mm audio jack
- 2 Microphone
- 3 POWER

---

## Right panel

---

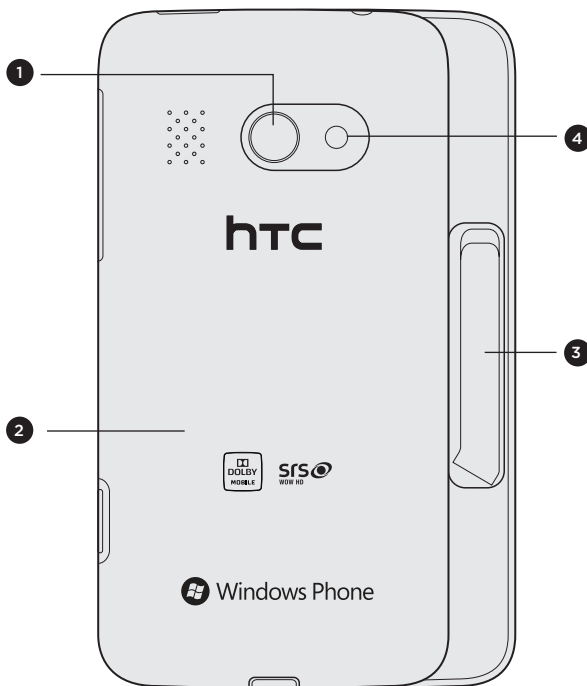


- 1 VOLUME UP/DOWN
- 2 CAMERA

---

## Back panel

---



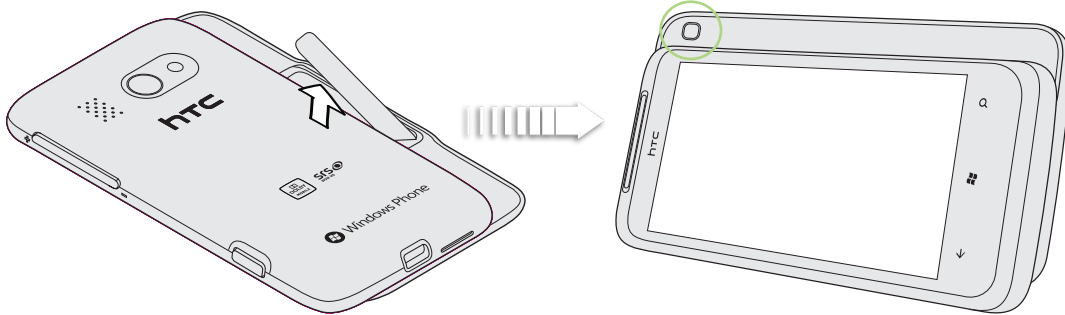
- 1 5 megapixel camera
- 2 Back cover
- 3 Kickstand
- 4 LED flashlight

---

## Slide-out surround speakers and kickstand

---

Enjoy Dolby Mobile and SRS surround sound while watching videos or listening to music. Simply slide the front panel of the phone to the left to reveal and use the surround speakers. You can also flip open the kickstand at the back of the phone so you can place the phone on a table while watching videos or listening to music.



Press the button on the surround speaker to cycle between sound enhancement settings. Check out “Sound Enhancer” in the HTC apps chapter for more information.

## Back cover

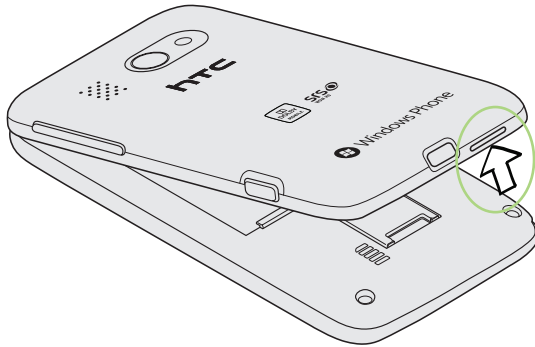
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### Removing the back cover

---

Remove the back cover to access the battery compartment and SIM card slot.

1. With the phone turned off, hold your phone securely with the front facing down.
2. With your thumb or finger, lift the back cover off from the small opening at the bottom of your phone.




---

### Replacing the back cover

---

1. Secure the top part of the back cover first by aligning into the opening located at the top part of the phone.
2. Press the sides and the top part of the back cover down. You will hear a click when the back cover is locked in place.



## SIM card

The SIM card contains your phone number, service details, and phonebook/message memory. Your phone supports both 1.8V and 3 V SIM cards.



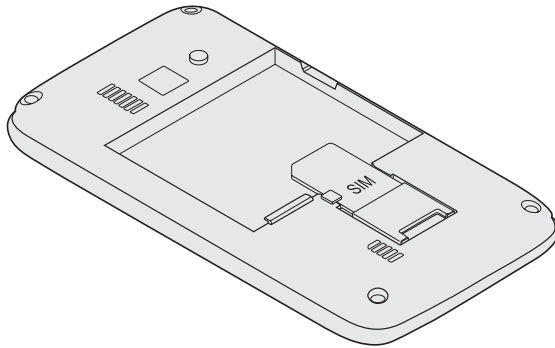
Some legacy SIM cards may not function with your phone. You should consult with your mobile operator for a replacement SIM card. There may be fees for this service.

---

### Inserting the SIM card

---

1. Take the back cover off. See “Removing the back cover.”
2. Take out the battery. See “Battery.”
3. Insert the SIM card with its gold contacts facing down and its cut-off corner facing out.
4. Push the SIM card all the way in.



---

### Removing the SIM card

---

1. Take the back cover off. See “Removing the back cover.”
2. Take out the battery. See “Battery.”
3. Push the SIM card out from the back of the slot, and then slide the SIM card out.

## Battery

Your phone uses a rechargeable battery. Please use only original batteries and accessories that came with your phone or replacements that we recommend.

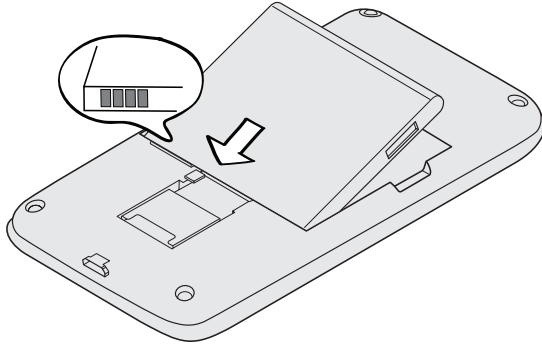
How long the battery can last before it needs recharging depends on how you use your phone. Among these are the phone features and accessories you use (for example, leaving your Bluetooth connection always on uses more power). Long phone calls and frequent web browsing use up much battery. Also, consider your location: poor signal strength from your mobile network and extreme temperature make the battery work harder.

---

## Inserting the battery

---

Line up the battery's copper contacts with the connectors inside the battery slot. Then, gently push the battery into place.

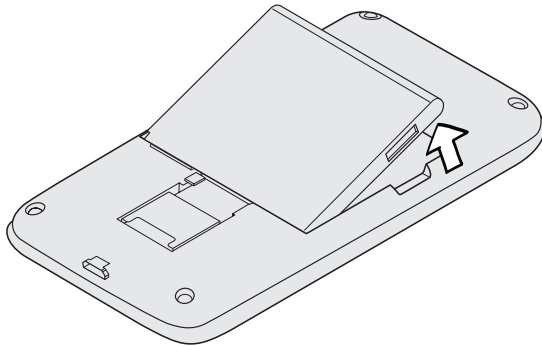


---

## Removing the battery

---

Lift out the battery from the small opening on the right side of the battery compartment.



---

## Charging the battery

---

The battery is partially charged when shipped. Before you turn on and start using your phone, it is recommended that you charge the battery. Some batteries perform best after several full charge/discharge cycles.





- To charge the battery, please use only the power adapter and USB cable that come with your phone.
- Don't remove the battery from the phone while you're charging it with the power or car adapter.

1. Connect the bigger end of the USB cable to the power adapter.
2. Connect the smaller end of the USB cable to the phone.



3. Plug in the power adapter to an electrical outlet to start charging the battery.  
Your phone may turn on when the battery is being charged.

As the battery is being charged, the notification LED shows a solid red light when the battery is being charged. The light turns to solid green when the phone is fully charged.

When you charge the battery, the charging battery icon  is displayed in the status bar of the Start screen. After the battery has been fully charged, a full battery icon  will be displayed in the status bar of the Start screen.



As a safety precaution, the battery stops charging when it overheats.

## Switching your phone on or off

### Switching your phone on

Press the POWER button. Easy.



When you turn on the phone for the first time, you'll need to set it up. Go to "Setting up your phone for the first time" and we'll take you through it.

### Switching your phone off

1. If the display is off, press the POWER button to turn it back on.
2. Unlock your phone if the Lock screen is displayed. See "Unlocking the screen" in the Getting started chapter.
3. Press and hold the POWER button until you see the word "Goodbye" onscreen.

## Entering your PIN

Most SIM cards come with a PIN (personal identification number) set by your mobile operator. If you're asked for a PIN, enter it and then tap **enter**.

To find out how to enable, disable, or change the PIN, see "Protecting your SIM card with a PIN" in the Security chapter.



If you enter the PIN wrong three times, your SIM card is blocked. No problem. Just contact your mobile operator and ask for the PUK (PIN Unblocking Key).

## Finger gestures

Tap	When you want to type using the keyboard, select items onscreen such as apps and settings, or press onscreen buttons, simply tap them with your finger.
Press and hold	To open the available options for an item (e.g. contact or link in a web page), simply press and hold the item.
Swipe or slide	To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.
Drag	Press and hold your finger with some pressure before you start to drag. While dragging, do not release your finger until you have reached the target position.
Flick	Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quicker strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.
Rotate	For some screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard.
Pinch	In some apps, like Pictures or the web browser, you can "pinch" the screen using 2 fingers (for example, thumb and index fingers) to zoom in or zoom out when viewing a picture or a web page.

# Getting started

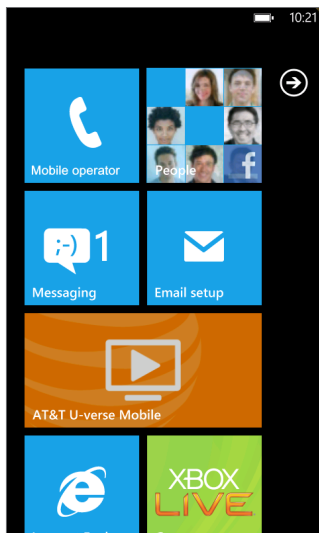
## Setting up your phone for the first time

When you switch on your phone for the first time, you'll be asked to set some options such as your time zone and your Windows Live ID. Just follow the onscreen instructions and you'll be up and running with your phone in no time.

## Start screen

Up front on the Start screen, you get to see at a glance Windows® Phone live tiles that continuously update and show what's most personal to you. You'll see things like your photo album, XBOX LIVE, how many new messages and email you have, and more.

Simply swipe your finger up or down to scroll through the tiles on the Start screen.




---

### Rearranging the tiles on the Start screen

---

1. Press and hold the tile you want to move until it floats.
2. Drag the tile to the position where you want to place it. Pause at the top or bottom edge of the screen to drag the tile to the extended Start screen.
3. When the tile is where you want it, tap the tile to dock it.

---

### Pinning items to the Start screen

---

You can pin just about anything you want to the Start screen: apps, pictures, songs, shortcuts, and even contacts. For example, when you pin a contact to the Start screen, you'll get all of that person's updates—feeds, email, text messages, and call notifications—right from that tile.

To pin something, let's say a contact, to the Start screen, press and hold it until a menu appears, and then tap **pin to start**.

---

### Unpinning a tile

---

On the Start screen, press and hold the tile you want to remove, and then tap .

## Accessing apps and settings

Easy. On the Start screen, just tap  or slide your finger left.

## Hubs

Simplify your everyday tasks with hubs. Instead of going in and out of various apps, hubs simplify things by tying together related experiences. For example, in the People Hub, not only can you see all your contacts but you can also check status updates from your Facebook friends. Check out the other cool hubs on your phone such as Office, Pictures, Music + Videos, and more.

## Sleep mode

Sleep mode saves battery power by putting your phone into a low power state while the display is off. It also stops accidental button presses when the phone's in your bag or pocket. You'll still receive messages and calls though.

---

### Switching to Sleep mode

---

Press the POWER button to turn off the display and switch your phone to Sleep mode. Your phone also automatically goes into Sleep mode when it's idle for a while.

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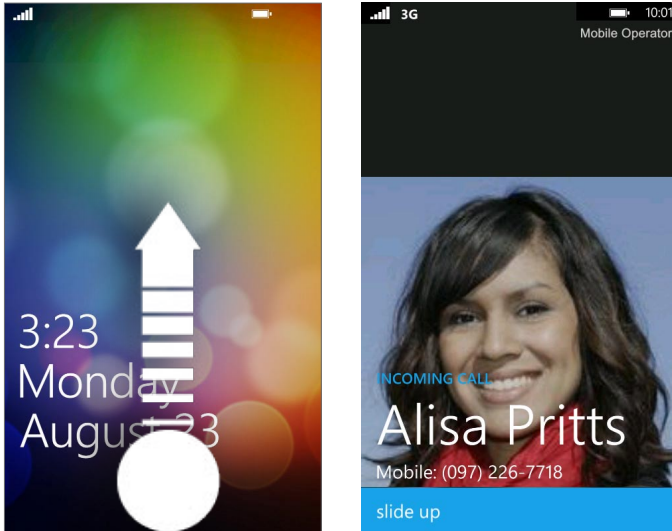
### Waking up from Sleep mode

---

Your phone automatically wakes up when you have an incoming call. To wake it up manually, press the POWER button. You'll need to unlock the screen.

## Unlocking the screen



When you see the lock screen, press the bottom of the screen and then slide your finger up to unlock the screen or answer an incoming call.



If you've set up a phone password, you'll need to enter the it to unlock the screen. To find out how to enable the phone password, see "Protecting your phone with a password" in the Security chapter.

## Changing your lock screen wallpaper

Browse the collection of wallpapers available on your phone or choose from photos that you have taken with the camera.

1. On the Start screen, tap .
2. Tap Settings > lock & wallpaper > change wallpaper.
3. Choose whether to select from preset wallpapers, camera photos, or a photo album.
4. Select the photo you want to use as your lock screen wallpaper.
5. If the photo you selected is bigger than the allowable wallpaper size, crop the photo first. Drag the photo and position the part that you want to be your wallpaper inside the crop box, and then tap .

## Status icons

You can tell a lot about your phone by checking the icons in its status bar.

Simply tap the top of the screen to show the status icons. The status icons disappear after a few seconds.



Here's some of the icons you might see and what they mean:

	Signal strength	<b>3G</b>	3G connection
	Battery is charging	<b>G</b>	GPRS connection
	Battery is full	<b>E</b>	EDGE connection
	Battery state unknown		Wi-Fi enabled but not connected to a Wi-Fi network
	Airplane mode is turned on		Connected to a Wi-Fi network
	No SIM card inserted		Connected to a Bluetooth headset
	SIM card locked		Phone set to vibrate
	Roaming		Phone set to silent
	Calls are being forwarded based on the network settings.		



only displays connection status, not signal strength. To find out how to view Wi-Fi network signal strength, see “Wi-Fi” in the Getting connected chapter.

## Adjusting the volume

Press the VOLUME UP or VOLUME DOWN button to adjust the volume to your desired level. The volume bar appears on top of the screen and shows the volume level.



On the volume bar, tap the icon on the right to quickly switch to ring or vibrate.


If you want to have silent as an option, you need to turn off vibrate on your phone.

See “Changing sound settings” in the Settings chapter to find out how to turn off vibrate.



## Searching

### Searching the Web

1. On the Start screen, press SEARCH. The Bing™ search screen opens.
2. Tap the search box, enter what you want to search for, and then tap  on the keyboard. You'll then see a list of matched items onscreen.
3. Tap the category below the search box (for example, local) or swipe left or right on the screen to check the other results for the other categories.



Use your voice to do a search by tapping the microphone icon inside the search box.

### Searching within an app

In some apps like People, Maps, and Marketplace, you can do a search within those apps. Simply open the app, and then press SEARCH.


## Interacting with your phone by speaking

From anywhere on your phone, press and hold START to bring up Tell Me, which lets you use your voice to call people, start apps, and search the web.

- To make a phone call, you'd say "Call Jennifer Singer, mobile."
- To start an app, like Calendar, say "Open Calendar."
- To search for something, just tell the phone what you want, like "Find pizza parlors," and Bing will look for an answer.
- If you're not sure, say "What can I say?"


## Setting up an account

Set up your Windows Live, Microsoft Outlook, Facebook, and other accounts so you can sync information and receive updates from these accounts on your phone.

1. On the Start screen, tap .
2. Tap Settings > email & accounts.
3. Tap add an account, and then tap the type of account you want to set up.
4. Enter your email address and password, and then tap sign in.


## Changing the ringtone

Choose from the available selections of ringtones on your phone.

1. On the Start screen, tap .
2. Tap **Settings** > **ringtones & sounds**.
3. Tap the **Ringtone** box.
4. Listen to a ringtone by tapping the play icon beside its name.
5. Tap the name of the ringtone that you want to use.

## Changing the theme

Feeling a little blue? You can change the theme of your phone to match your mood for the day.

1. On the Start screen, tap .
2. Tap **Settings** > **theme**.
3. Select the **Background** and **Accent color** to fit your mood by tapping their respective boxes.

# Phone calls

## Dynamic Noise Suppression from Audience

Your phone is equipped with an advanced voice processing chip that delivers clear mobile calls by suppressing background noise, intermittent sounds (like a siren or nearby conversation), and echoes, allowing you to hear and be heard nearly anywhere.

---

### How Does It Work?

---

Based on the intelligence of the human hearing system, the technology:

- Captures, evaluates and distinguishes all the sound signals surrounding your phone, and the person you're speaking with.
- Then isolates the primary voice in conversation and filters out the background noise - so the person you're calling hears only your voice, without disturbing background noise.
- Dynamically equalizes and adjusts voice volume to optimize your calling experience, so you can hear clearly and don't need to speak louder to overcome surrounding noise.

The noise suppression technology is built-in and already enabled in your new mobile phone. So it's ready to provide unsurpassed voice clarity with every call.

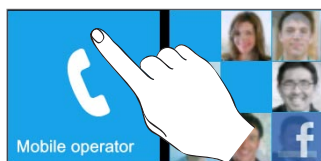
## Making calls




Most SIM cards come with a PIN (personal identification number) set by your mobile operator. If you're asked for a PIN, enter it and then tap **OK**.

If you enter the PIN wrong three times, your SIM card is blocked. To unlock your SIM card, see "Restoring a SIM card that has been locked out" in the Security chapter.

1. On the Start screen, tap the **Phone** tile.



2. Tap .
3. Dial the number you want to call, and then tap **call**.

---


### Making an emergency call

---

You can make emergency calls from your phone even if you don't have a SIM card installed or your SIM card has been blocked.

1. After turning on your phone without a SIM card installed, tap **emergency call** on the screen.



If you tapped **close** on the screen, you can still open the phone dialer by tapping the Phone tile on the Start screen, and then tapping .

2. Dial the international emergency number for your locale (for example, 911), and then tap **call**.



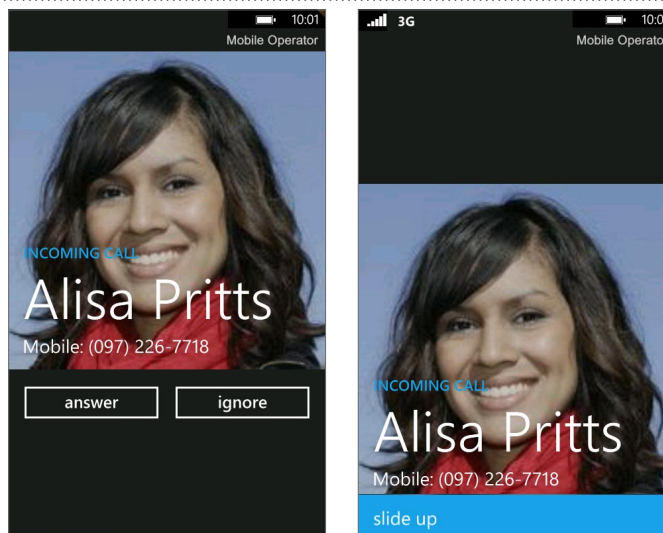
Additional emergency numbers may be included in your SIM card. Contact your mobile operator for details.

If you enabled the phone lock and/or the SIM lock, and you forgot the code or SIM PIN, you can still make emergency calls by tapping **emergency call** on the screen.

## Receiving calls

When you receive a phone call from a contact, the Incoming call screen appears and displays the caller ID icon, name, and phone number of the calling party. When you receive a phone call from someone who is not stored in People, only the default caller ID icon and phone number appear on the Incoming call screen.

### Answering or rejecting an incoming call



If	To answer the call	To reject the call
Display is on	Tap <b>answer</b> .	Tap <b>ignore</b> .
Display is off	When the lock screen appears, slide up from the bottom of the lock screen, and then tap <b>answer</b> .	When the lock screen appears, slide up from the bottom of the lock screen, and then tap <b>ignore</b> .

### Muting the ringing sound without rejecting the call

Do one of the following:

- Press the VOLUME DOWN or VOLUME UP button.
- Press the POWER button.
- Place the phone face down on a leveled surface.



If the phone is already facing down, the phone will still ring when there are subsequent incoming calls.

## Using in-call options

When a call is in progress, use the buttons onscreen to mute or unmute the microphone or to turn on or off the speakerphone. You can also press MENU and choose whether to add a call, place the call on hold, mute the microphone, and more.

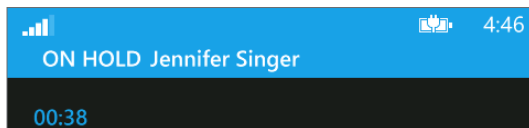
### Putting a call on hold

1. Tap .
2. Tap **hold**. Tap **hold** again to resume the call.

### Switching between calls

If you're already on a call and accept another call, you can choose to switch between the two calls.

1. When you receive another call, tap **answer** to accept the second call, and to put the first call on hold.
2. To switch between the calls, tap the bar at the top of the screen.




3. To end the current call and return to the other call, tap **end call**.

### Setting up a conference call


Conference calling with your friends, family, or coworkers is easy. Make the first call (or accept a call), and then simply dial each subsequent call to add to the conference.



Make sure your SIM card is enabled with conference calling service. Contact your mobile operator for details.

1. Make a call to the first conference call participant.
2. When connected, tap , and then tap **add call**, and then dial the number of the second participant. The first participant is put on hold when you dial the second participant.
3. When connected to the second participant, tap **merge calls**.
4. To add another participant to the conference call, tap **add call**, and then dial the number of the contact you want to invite to the conference call.
5. When connected, tap **merge calls** to add the participant to the conference call. When you want to talk to a person in the conference call in private, tap **private**.
6. When finished, tap **end call**.

## Turning the speakerphone on or off during a call

1. Tap .
2. Tap **speaker**. Tap **speaker** again to turn off the speakerphone.



Make sure you don't have the phone against your ear when you have the speakerphone on. It may damage your hearing.

## Muting the microphone during a call

1. Tap .
2. Tap **mute**. Tap **mute** again to turn on the microphone.

## Ending a call

On the screen, tap **end call**.



If the phone display is off, press **POWER** to turn on the screen so you can tap **end call**.




# Using call history

Use the call history to check missed calls, your dialed numbers and received calls.

## Checking calls in the call history

1. On the Start screen, tap the **Phone** tile.
2. Tap a name or number in the list to go to a screen where you can select to call the number, view the contact information (if the number is stored in your contacts list), save the contact information (if the number is not stored in your contacts list), or send a text message.

## Adding a new phone number to your contacts from call history

1. On the Start screen, tap the **Phone** tile.
2. Tap the number you want to save to your contacts.
3. At the bottom of the screen, tap .
4. Tap **new contact**.
5. Edit the number if you need to, select the phone number type, and then tap .
6. Enter the contact name and other information. The phone number is automatically added for you.
7. Tap .

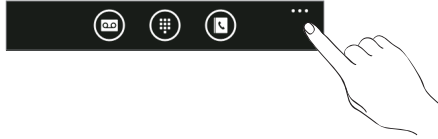


To find out how to add new contacts or edit the contact information, see the **People** chapter.

## Clearing the call history list

On the call history screen, you can do the following:

- To remove a name or number from the list, press and hold it, and then tap **delete item**.
- To clear the entire list, tap ..., and then tap **delete all**.



## Call services


Your phone can directly link to the mobile phone network, and enable you to access and change the settings of various phone services for your phone. Call services may include call forwarding, call waiting, voicemail, and more. Contact your mobile operator to find out about the availability of call services for your phone.

To open call services, tap the **Phone** tile on the Start screen, tap ..., and then tap **call settings**.

<b>My phone number</b>	Displays your phone number.
<b>Voicemail number</b>	Shows the current voicemail service being used. Tap to change the voicemail number.
<b>Show my caller ID to</b>	Tap the box to set who can see your phone number when you call.
<b>Call forwarding</b>	Turn on or off call forwarding. When you turn on call forwarding, enter the phone number to forward your calls to.
<b>International assist</b>	Turn on or off international assist.
<b>SIM security</b>	See "Protecting your SIM card with a PIN" in the Security chapter for details.

## Turning Flight mode (Airplane mode) on or off

In many countries, you are required by law to turn off the phone while on board an aircraft. A way to turn off the phone function is to switch your phone to **Flight mode** (Airplane mode). When you enable Flight mode, all wireless radios on your phone are turned off, including the call function, data services, Bluetooth, and Wi-Fi.

1. On the Start screen, tap .
2. Tap **Settings > airplane mode**.
3. Tap the **Status** switch to turn it on or off.



When you disable airplane mode, the call function is turned back on and the previous state of Bluetooth and Wi-Fi is restored.

# People

## About the People hub

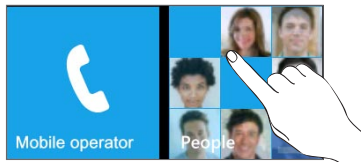
When you set up your email and other accounts on your phone, your contacts are imported automatically into your People hub. You'll be able to see contacts from your Windows Live, Facebook, as well as other email accounts like Google and Outlook (Microsoft Exchange ActiveSync).

Your friends' Windows Live and Facebook feeds also appear in your People hub. Their photos show up in your Pictures hub, and your own feeds pop up in your Me tile.

If you haven't set up your email or Facebook account yet, see "Setting up an account" in the Getting started chapter.


## Viewing your contacts list and feeds

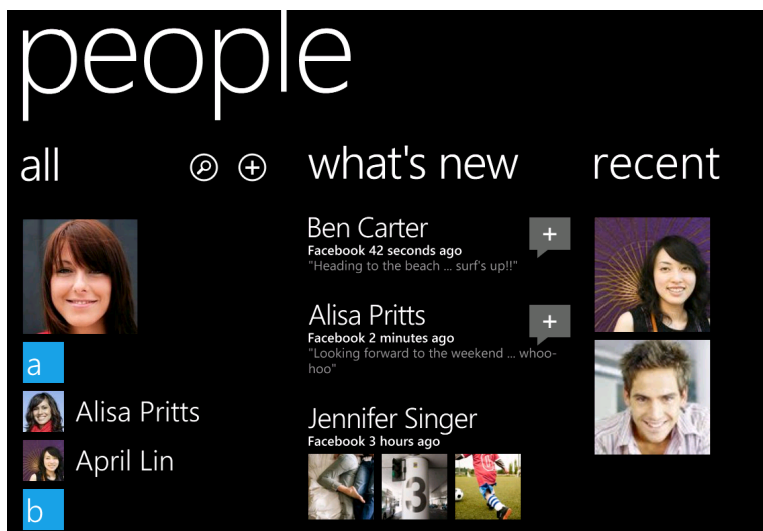
To open the People hub, tap the People tile on the Start screen.



In all of the People hub, you'll see all contacts that you've created on your phone as well as contacts that are synchronized with your email and Facebook accounts.



Your phone imports all Facebook contacts by default. To import only those Facebook contacts that match those contacts in your People hub, on the Start screen, tap , and then tap **Settings**. Swipe to the left to the applications screen and tap **people**. Under Include Facebook friends as contacts select Only add Facebook info to existing contacts.





If you're signed in to your Windows Live and/or Facebook accounts, swipe to the left to see updates from your friends.

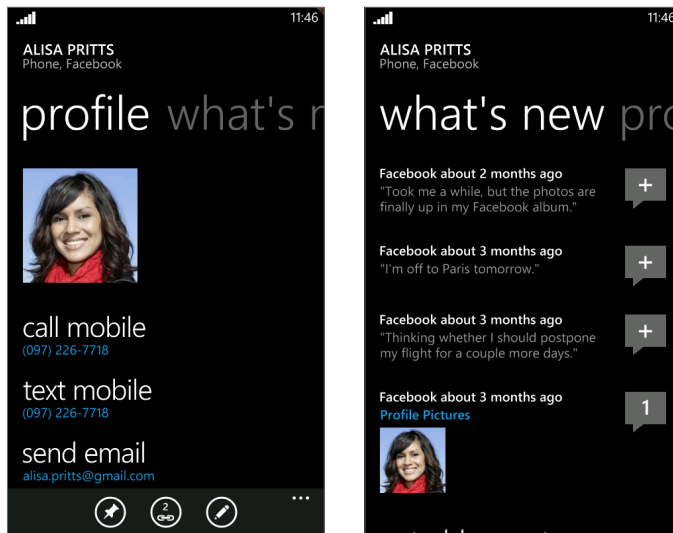


If you signed in to your Windows Live account when you first set up the phone, your contacts from those accounts will appear in the contacts list when you first open People.

## Contact information

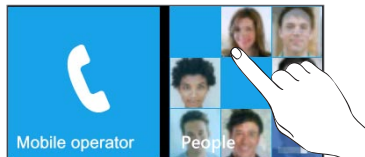
When you tap a contact on the People hub, the profile screen opens, showing you the person's contact details. You can call, send text, or send an email to the contact from the profile screen.



Call, send a message, or send an email to that contact in the profile page. Slide your finger left to see what's new with that contact. You'll only see updates when you are signed in to your Windows Live and/or Facebook accounts and the person is also your friend in Windows Live and/or Facebook.



## Adding a new contact

1. On the Start screen, tap the People tile.




2. In all of the People hub, tap .
3. Select the Account, for example Windows Live. This determines which account the contact will sync with.
4. Enter information by tapping an item.
5. Tap  when you're done.

## Importing contacts from your SIM card

1. On the Start screen, tap the **People** tile.
2. In **all** of the People hub, tap **import SIM contacts**.  
If you have an account already set up, press and hold **people** on top of the screen, and then tap **settings**.
3. Choose how you want to sort and display the contacts, and then tap **import sim contacts**.

## Merging contact information

If you have the same contacts stored in your phone and online accounts such as Windows Live and Facebook, your phone will try to link them as one automatically. If it doesn't, you can manually link them so that you won't have duplicated entries in your contacts list.

1. On the Start screen, tap the **People** tile.
2. In **all** of the People hub, tap the name of the contact you want to link.
3. At the bottom of the screen, tap . The link icon may look a little different depending if the contact is already linked to other contacts.
4. Do one of the following:
  - Under **suggested links** (if available), tap the contact to link to that contact's account.
  - Tap **choose a contact** to select a contact from your People list to link to.

### Breaking the contact information link between contacts

1. On the Start screen, tap the **People** tile.
2. In **all** of the People hub, tap the name of the contact whose contact information link you want to break.
3. Tap **unlink**.

## Editing, searching, and deleting

### Editing a contact's information

1. On the Start screen, tap the **People** tile.
2. In **all** of the People hub, press and hold the contact, and then tap **edit**.
3. Enter the new information for the contact.



If the contact is linked to another account on your phone, you can choose to edit the contact information on the other account by tapping **edit [name of account]**.

4. Tap .

## Searching for a contact

1. On the Start screen, tap the **People** tile.
2. Press **SEARCH**.
3. In the search bar, enter the first few letters of the first or last name of the contact you are looking for. Matching contacts are displayed.
4. Tap the contact to open his or her contact details screen. See “Contact information” in this chapter for details.



Looking for your contacts that start with the letter M? Tap the letter box, for example **m**, to go to a particular letter on your contacts list.

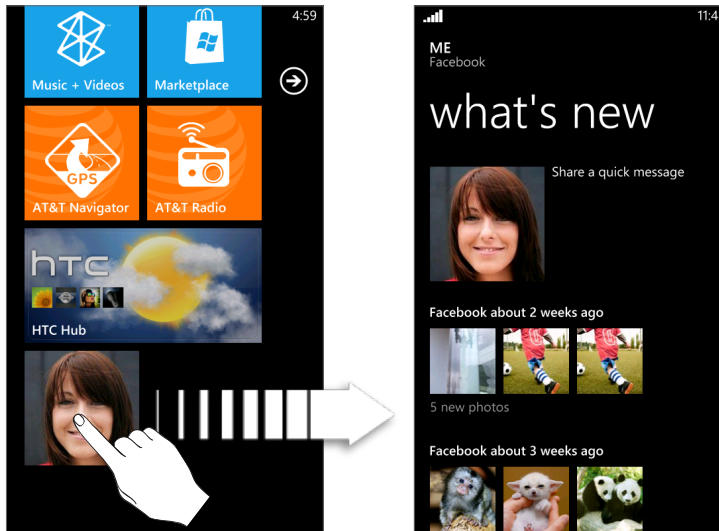
## Deleting a contact

You cannot delete Facebook contacts on your phone.

1. On the Start screen, tap the **People** tile.
2. In all of the People hub, press and hold the contact, and then tap **delete**.
3. When you're asked to confirm, tap **delete**.

## Your Me tile

When you sign in to your Windows Live and/or Facebook account, your Me tile is automatically created on the Start screen. Tap your Me tile on the Start screen (or in all of the People hub) and check status updates you have posted, comments you have received, and pics that you have uploaded to your Windows Live and/or Facebook accounts.



While on the Me screen, you can tap:

- Your status message to the right of your photo to post a new status message.
- Your photo to change it.
- A photo to view it.
- An entry to add comments or reply to a comment.

# Keyboard

## Using the onscreen keyboard

When you start an app or select a box that requires text or numbers, the onscreen keyboard becomes available.










After entering your text, press **BACK** to close the keyboard. To open and use it again, tap a text box.

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### Entering text

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Depending on the app you're in, you may see a slightly different keyboard layout. Use the following keys while entering text:

	Some keys have multiple characters or accents associated with them. Press and hold the key to see the available characters and accents.
	This is the <b>Shift</b> key. Tap to enter an uppercase letter. The next letter you type will be uppercase. Press and hold to turn on caps lock.
	Tap to switch to the numeric and symbol keyboard.
	While in the numeric and symbol keyboard, tap to show more symbols.
	Tap to switch back to the alphabet keyboard.
	Tap to switch to a different language keyboard. Available keyboard languages depends upon the phone version you have. This key may not be present in phones with only one keyboard language. See "Enabling other keyboard languages" for more details.
	This is the <b>Enter</b> key. Tap to create a new line.
	This is the <b>Backspace</b> key. Tap to delete the previous character.
	This is the <b>Smiley</b> key (Only available when writing an a text or picture message). Tap to enter smileys.

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### Moving the cursor

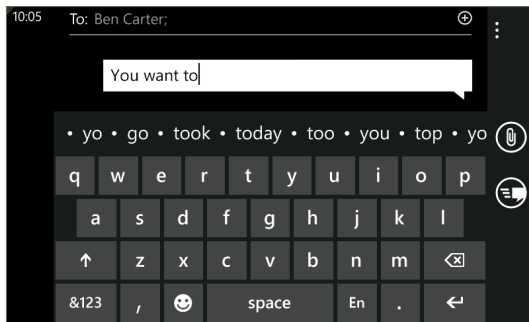
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1. While entering text, press and hold the text box. A floating cursor appears .
2. Drag the cursor to the position that you want, and then release your finger.

## Changing to the landscape keyboard



When entering text, you can choose to use the landscape orientation of the keyboard.

Turn your phone sideways to use a larger keyboard that lets you type easily using your thumbs.



## Enabling other keyboard languages

You can choose to show other keyboard languages on the keyboard. The availability of this feature and the languages available to choose from may depend on the version of phone you have.

1. On the Start screen, tap .
2. Tap **Settings** > **keyboard**.
3. Tap the **Keyboard languages** box.
4. Select the keyboard languages you want to show, and then tap .


## Entering words with predictive text

The keyboard has predictive text to help you type quickly and accurately. Predictive text input is enabled by default, and word suggestions are displayed as you type.

To enter a word in predictive mode, do any of the following:

- If you see the word you want in bold, you can simply tap the space bar to insert the word into your text.
- If you see the word you want shown in the suggestions before you have finished typing the entire word, tap the word to insert it into your text.
- Slide left on the suggestion bar to see more words.

## Changing keyboard settings

1. On the Start screen, tap .
2. Tap **Settings** > **keyboard**.
3. Clear the check box of the options that you don't want.

# Messaging

## About Messaging

Keep in touch with important people in your life. Use the Messaging application to compose and send text and picture messages.

On the Start screen, tap the **Messaging** tile.






On the conversations screen, all your sent and received messages are neatly grouped into conversations, by contact name or phone number. You can:

- Scroll up or down the list of conversations by swiping your finger on the screen.
- Tap a contact name or number to view the exchange of messages.




## Sending a text message

If you exceed the limit on the number of characters for a single text message, your text message will be delivered as one but will be billed as more than one message.


1. On the Start screen, tap the Messaging tile.
2. On the conversations screen, tap .
3. Fill in one or more recipients. You can:
  - Enter complete phone numbers directly in the **To** field. Use the semicolon to separate recipients.
  - Enter the first few letters of a contact name. As you enter, matching names with phone numbers from your stored contacts are displayed. Tap a contact that you want.
  - Tap  to the right of the recipient field, and then tap the contact that you want and choose which phone number to send to.
4. Tap the box that says “type a message”, and then enter your message.
5. Tap  to send the message.


## Sending a picture message

To send a picture message, start by creating a new text message, and then attach a photo to include it.

1. On the Start screen, tap the Messaging tile.
2. On the conversations screen, tap .
3. Fill in one or more recipients. You can:
  - Enter complete phone numbers or email addresses directly in the **To** field. Use the semicolon to separate recipients.
  - Enter the first few letters of a contact name. As you enter, matching names with phone numbers and email addresses from your stored contacts are displayed. Tap a contact's number or email address.
  - Tap  to the right of the recipient field, and then select the phone number of a contact to whom you want to send the message.
4. Tap  and then select a photo you want to send.

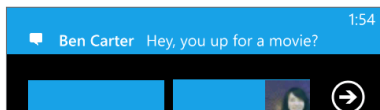



Tap  to take a photo and insert it as the attachment.

5. Enter your message.
6. Tap  to send the message.

## Viewing and replying to a message

When you receive a new message, the phone plays an alert sound (if set) and displays the message briefly at the top of the screen.



1. To open and read the message, you can:
  - Tap the message bar at the top of the screen.
  - Open the Messaging app to access and read the message.
2. Enter your reply, and then tap .



## Managing message conversations

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### Deleting a conversation

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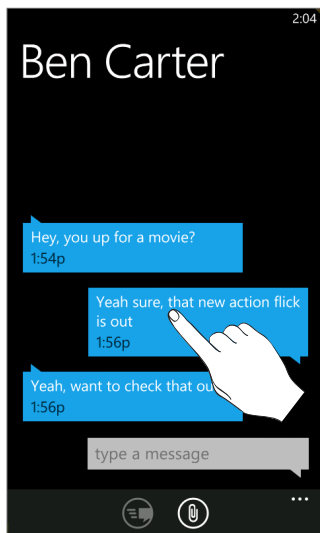
1. On the conversations screen, press and hold a contact (or phone number) whose messages you want to delete, and then tap **delete**.
2. When you're asked to confirm, tap **delete**.

---

### Deleting a message

---

1. On the conversations screen, tap a contact (or phone number) to display the exchange of messages with that contact.
2. Press and hold the message that you want to delete.




3. Tap **delete** on the options menu.
4. When you're asked to confirm, tap **delete**.

---


### Forwarding a message

---

1. On the conversations screen, tap a contact (or phone number) to display the exchange of messages with that contact.
2. Press and hold the message that you want to forward.
3. Tap **forward** on the options menu.
4. Fill in the recipient's name.
5. Tap  to send the message.

# Email

## Adding a POP3/IMAP email account


1. On the Start screen, tap .
2. Do one of the following:
  - If you haven't set up any accounts yet, tap **Email setup** on the Start screen.
  - Open **Settings**, and then tap **email & accounts > add an account**.
3. Tap **Settings > email & accounts > add an account**.
4. Tap the type of account you want to set up.




If you don't see the account type that you want, tap **other account** or **advanced setup**. The advanced setup requires you to enter the incoming and outgoing server settings so have them ready if you choose this option.

5. Enter the email address and password for the account.
6. Tap **sign in**.

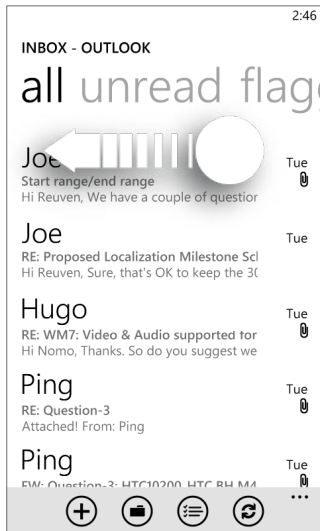
## Adding a Microsoft Exchange Server account

1. On the Start screen, tap .
2. Do one of the following:
  - If you haven't set up any accounts yet, tap **Email setup** on the Start screen.
  - Open **Settings**, and then tap **email & accounts > add an account**.
3. Tap **Settings > email & accounts > add an account**.
4. Tap **Outlook**.
5. Enter the Exchange ActiveSync account details, and then tap **sign in**. Your corporate Exchange Server must support auto-detect for the phone to automatically set up the Exchange ActiveSync account. If your corporate Exchange Server does not support auto-detect, you'll need to enter your Exchange Server settings. Ask your Exchange Server administrator for details.

## Checking your inbox

After you set up an email account, a new tile is created on the Start screen for that account. To open an email account, tap its tile on the Start screen. If you don't see the tile, tap the arrow  on the Start screen, and then tap the account in the apps list.

Slide your finger left or right to check only your unread, flagged, or urgent email.



### Refreshing an email account

Whatever your automatic sync settings are, you can also synchronize your sent and received emails manually at any time.

While in the account you want to sync, tap .

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## Managing email messages

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### Deleting an email message from the inbox


1. On the email account inbox, press and hold the message you want to delete.
2. On the options menu, tap **delete**.

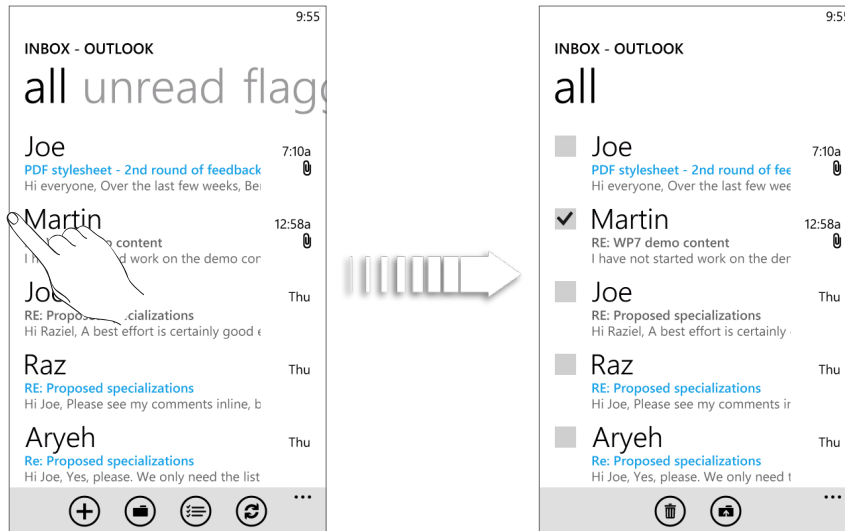
### Moving an email message to another folder



1. On the email account inbox, press and hold the message you want to move.
2. On the options menu, tap **move**.
3. Tap the folder where to move the email message.

## Selecting multiple email messages from the inbox to delete or move







1. On the email account inbox, do one of the following:

- Tap .
- Tap the area to the left of an email.



2. Tap the check boxes of email messages you want to delete or move to another folder.
3. Tap  to delete them or tap  to move them to a different folder.



## Sending an email message

1. Open the email account that you want to use to send your email.
2. On the email account inbox, tap .
3. Fill in one or more recipients. You can:
  - Enter email addresses directly in the To field. If you're sending the email to several recipients, separate the email addresses with a semicolon. As you enter email addresses, any matching addresses from your contacts list are displayed. Tap a match to enter that address directly.
  - Tap  to the right of the recipient field, and then select a contact to whom you want to send the message. Tap  again to add more recipients.
4. Enter the subject, and then compose your message. Tap the space below the subject line to compose your message.
5. To add an attachment, tap . You can only attach photos.
6. Tap  to send the message immediately, or tap  > Save to send it later.

---

## Resuming a draft email message


---

1. In the email account inbox, tap , and then tap **drafts**.
2. Tap the message.
3. When you finish editing the message, tap .

---

## Reading and replying to an email message

---

1. On the Start screen, tap the email account tile.
2. On the email account inbox, tap the email you want to read.
3. Tap , and then tap **reply**, **reply all**, or **forward**.

---

## Setting the priority for an email message

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1. While composing the message, tap ....



2. Tap **priority**.
3. Select the priority for the message.

If you selected **high** or **low** priority, the priority appears below the subject line of the message.

---

## Flagging an email

---

1. On the Start screen, tap the email account tile.
2. On the email account inbox, press and hold the email you want to flag.
3. On the options menu, tap **set flag**.

After flagging an email, you can choose to remove the flag or mark the flagged email as complete. Press and hold the flagged email, and then tap **complete flag** or **clear flag**.

---

## Changing email account settings

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1. On the Start screen, tap the email account tile.
2. Tap ..., and then tap **settings**.




3. Tap **sync settings**.
4. Set the options you want, and then tap **done**.
5. Choose if you want to add a signature to sent messages, and then tap **done**.

---

## Deleting an email account

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1. On the Start screen, tap .
2. Tap **Settings > email & accounts**.
3. Press and hold the email account you want to delete, and then tap **delete**.

# Calendar

## About Calendar

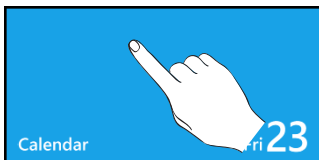
Use your phone's Calendar to create and manage your appointments. You can also set up your phone to stay in sync with the following types of calendars:



- On your phone, sign in to your Windows Live account so you'll be able to sync your phone's Calendar with your Windows Live Calendar online. If you haven't signed in to your Windows Live account yet, see the Getting started chapter to find out how to sign in.
- If you have a Microsoft Exchange ActiveSync account and you have added it on your phone, you can sync your phone's Calendar with your Exchange Server calendar appointments.
- If you have a Google account and you have added it on your phone, you can sync your phone's Calendar with your Google Calendar.

## Creating a calendar appointment

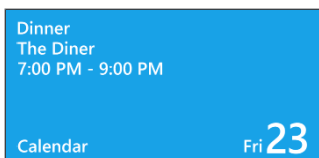
You can create appointments that appear on your phone only, or appointments that sync with your online account calendars such as in Windows Live or Exchange Server.

1. On the Start screen, tap the Calendar tile.



2. In **day** or **agenda** view, tap .
3. If you have more than one calendar, select an **Account** in which to add the appointment:
4. Enter the appointment details.
5. Scroll down to the bottom of the screen, and tap **more details** to set a reminder, appointment occurrence, notes, and more.
6. Tap  when you're done.

The Calendar tile on the Start screen will show your upcoming appointment.



## Sending an invitation

You can use Calendar to schedule a meeting or an appointment and invite people to attend it. An invitation email will be sent to them from the account that you choose.

1. Open Calendar and create a new appointment. For the steps, see “Creating a calendar appointment.”
2. Add details, such as date and time, location, and more. Remember to choose the **Account** to use for sending the invitation email
3. Tap **more details**, scroll down the screen, and then tap **add someone**.
4. Invite required and optional attendees. Tap **add someone**, then tap the name of the person to invite.



You can only invite contacts that are stored or synchronized on your phone.

5. Tap  when you're done.

## Changing calendar views

When you open Calendar, it displays the day view by default. You can also display the Calendar in agenda or month view.

### Day and Agenda views

Day view displays a list of the appointments of one day. Agenda view lists all your appointments in chronological order.


The color bars on the right side of the appointments in Agenda view indicate the type of calendar in which the appointments are part of. To find out what each color represents, tap **...**, and then tap **calendars**.



Change the color by tapping the color box.

When in Day view, slide up or down the screen to view earlier or later days.

### Month view

In Month view, you'll see text on days that have appointments. To switch to Month view, tap .

When in Month view:

- Tap a day to view the appointments of that day.
- Slide your finger up or down the screen to view earlier or later months.



To change from month to day or agenda view, press **BACK**.

## Viewing, editing or deleting an appointment

You can view, edit, or delete appointments you've created.

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### Viewing the details of an appointment


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1. On the Start screen, tap the Calendar tile.
2. In **day** or **agenda** view, tap the appointment.

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### Editing an appointment

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1. On the Start screen, tap the Calendar tile.
2. In **day** or **agenda** view, press and hold the appointment, and then tap **edit** to open it.
3. Make your changes to the appointment.
4. When you're done editing, tap .

---

### Deleting an appointment

---

There are two ways to delete an appointment.

- In **day** or **agenda** view, press and hold an appointment and then tap **delete**.
- While viewing an appointment, tap .

If the appointment repeats, you'll be asked whether you want to delete just that occurrence or all occurrences in your Calendar.

## Viewing, dismissing, or snoozing appointment reminders

If you have set a reminder for an appointment, your phone will play the alert sound and display a reminder message about the upcoming appointment.

On the reminder message, tap **snooze** to snooze or tap **dismiss** to dismiss the appointment reminder.



## Displaying and synchronizing calendars

You can choose which calendars to show or hide on your phone's Calendar, and which ones to keep synchronized.

### Showing or hiding calendars

1. In day or agenda view, tap ..., and then tap calendars.



2. Tap the on switch for the calendar that you want to hide.





Tap the color selection menu below the on switch to change the default color of the calendar.

The calendars are kept synchronized on your phone, whether or not you hide them.

### Choosing which calendars are synchronized on your phone

You can choose which calendars to keep synchronized on your phone or which ones to stop synchronizing.

#### Stop synchronizing a calendar

1. On the Start screen, tap .
2. Tap **Settings** > **email & accounts**.
3. Tap the account whose calendar you want to stop synchronizing with your phone.
4. Clear the **Calendar** check box.
5. Tap .

# Getting connected

## Data connection



Your phone will be automatically set up to use your mobile operator's data connection when you turn on your phone (if the SIM card is inserted) for the first time.

---

### Adding an access point

---

Before you add a new data connection on your phone, obtain the access point name and settings (including username and password if required) from your mobile operator.

1. On the Start screen, tap .
2. Tap **Settings** > **cellular**.
3. Tap **add apn**.
4. Enter the APN, user name, and password.
5. Tap .

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### Setting up your data connection using Connection Setup

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You can automatically set up your data connection based on your SIM card or a chosen mobile operator. To find out how to use Connection Setup, refer to "Connection Setup" in the HTC apps chapter.

---

### Turning the data connection on or off

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Turning your data connection off can help optimize your battery life. It can also save money on data charges. However, when your data connection is turned off, you may not always receive automatic updates to your email and other synchronized information.

1. On the Start screen, tap .
2. Tap **Settings** > **cellular**.
3. Tap the Data connection On/Off switch.



If you just want to use a GPRS or EDGE connection, tap the 3G On/Off switch to turn off 3G.

---


## Enabling data roaming

---

Data roaming lets you connect to your mobile operator's partner networks and access data services when you are out of your mobile operator's coverage area.



Using data services while roaming will be costly. Check with your mobile operator for data roaming rates before you use data roaming.

1. On the Start screen, tap .
2. Tap **Settings > cellular**.
3. Tap the **Data roaming options** box, and then tap **Roam**.


## Wi-Fi

To use Wi-Fi on your phone, you need access to a wireless access point or "hotspot". The availability and strength of the Wi-Fi signal will vary depending on objects, such as buildings or simply a wall between rooms, the Wi-Fi signal has to pass through.

---

### Turning Wi-Fi on and connecting to a wireless network

---

1. On the Start screen, tap .
2. Tap **Settings > Wi-Fi**.
3. Tap the On/Off switch to turn it on. The phone then scans for the network names and security settings of detected Wi-Fi networks are displayed in the Wi-Fi networks section. The signal strength for each Wi-Fi network is also displayed.
4. Tap the Wi-Fi network you want to connect to.
  - If you selected an open network, your phone will automatically connect to the network.
  - If you selected a network that is secured with WEP, enter the password and then tap **done**.



- Depending on the network type and its security settings, you may also need to enter more information or choose a security certificate.
- You cannot manually add a Wi-Fi profile.

When your phone is connected to a wireless network, the Wi-Fi icon (  ) appears for a brief moment on the status bar.

The next time your phone connects to a previously accessed secured wireless network, you won't be asked to enter the key or other security information again, unless you reset your phone to its factory default settings.

## Using your phone's web browser




You must have an active data connection or Wi-Fi connection to access the Internet.

### Opening the browser

On the Start screen, tap the Internet Explorer tile to start surfing the Web.



### Going to a web page

1. On the browser screen, tap the URL box on top of the screen.
2. Enter the web page address using the keyboard.
3. Tap  on the keyboard.

### Changing the screen orientation

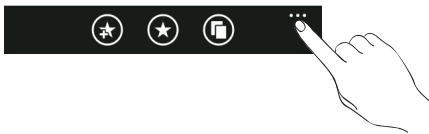
The phone automatically changes the screen orientation depending on how you're holding your phone.

Turn your phone sideways to display the web browser in landscape orientation and in full screen. When in landscape orientation, you won't be able to enter a URL.

### Browsing full versions of all web sites

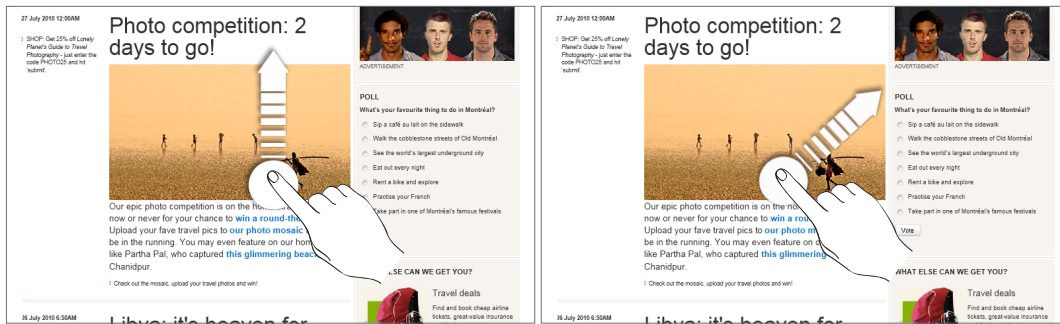
Some web sites display a mobile version of their pages on phone web browsers. You can choose to view the full version of all pages, even for these sites.

From the browser screen, while holding the phone in portrait orientation, tap ..., tap **settings**, and then select **Desktop version**.



### Navigating on a web page

You can swipe your finger on the screen to navigate and view other areas of the web page.



## Zooming in or out on a web page

Tap the screen twice quickly to zoom in, then tap the screen twice quickly again to zoom out. You can also use your fingers to spread or pinch the screen to zoom in or out.



## Selecting a link in a web page

You can tap a link with your finger to open it, or press and hold a link for more options.


Link	What to do
Web page address (URLs)	<ul style="list-style-type: none"> <li>Tap the link to open the web page.</li> <li>Press and hold the link to open a menu that allows you to open the page in a new tab or share the link via text message or email.</li> </ul>
Email address	Tap to send an email message to the email address..

## Opening a new browser tab

Open multiple browser tabs to make it easier for you to switch from one web site to another. You can open up to 6 browser tabs.

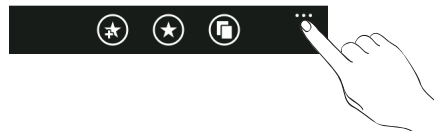
- While viewing a web page in portrait orientation, tap .
- Tap . A new browser tab opens.



## Switching between browser windows

- While viewing a web page in portrait orientation, tap .
- Select the browser window you want to view by tapping the window you want to open.

## Finding text within a web page

- While viewing a web page, tap ..., and then tap find on page.




- Enter the search item, and then tap the Enter key on the keyboard. The search item is highlighted if found.
- Tap  or  to go to the previous or next matching item.

---


## Bookmarking a web page

---


1. While viewing a web page in portrait orientation, tap .
2. Edit the bookmark name if needed, and then tap ok.

### Opening a bookmark


Quickly view the pages that you access most often.

1. While viewing a web page in portrait orientation, tap .
2. In **favorites**, tap the bookmark you want to open.



### Editing a bookmark

1. While viewing a web page in portrait orientation, tap .
2. In **favorites**, press and hold the bookmark you want to edit, and then tap **edit**.
3. Enter your changes, and then tap ok.

### Viewing a previously visited page

1. While viewing a web page in portrait orientation, tap .
2. Slide your finger left to go to **history**.
3. Tap the page you want to open.

### Clearing the list of previously visited pages

1. While viewing a web page in portrait orientation, tap .
2. Slide your finger left to go to **history**, and then tap .
3. Tap **delete**.

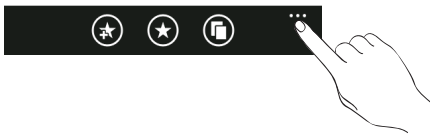
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## Setting browser options

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Customize the web browser to suit your browsing lifestyle. Set display, privacy, and security options when using the web browser.


From the browser screen, tap **...**, and then tap **settings**.



## Bluetooth

### Turning Bluetooth on

Turning Bluetooth on also makes the phone discoverable.

1. On the Start screen, tap .
2. Tap **Settings > Bluetooth**.
3. Tap the **On/Off** switch.

Your device is automatically made discoverable, and searches for Bluetooth devices within range.




Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.


#### What Bluetooth profiles does my phone support?

Your phone supports A2DP, PBAP, HFP, HSP, and AVRCP.

### Connecting a Bluetooth headset or car kit


You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It's the same procedure to set up stereo audio and hands-free.

- For you to listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.
  - Before you connect your headset, you need to make it discoverable so your phone can find it. You can find out how to do this by referring to your headset manual.
1. Make sure that the headset is discoverable.
  2. On the Start screen, tap .
  3. Tap **Settings > Bluetooth**.
  4. If the Bluetooth switch is off, tap it to turn on Bluetooth. Your phone will start to scan for Bluetooth devices within range.
  5. When you see the name of your headset displayed, tap the name. Your phone then automatically tries to pair with the headset.
  6. If automatic pairing fails, enter the passcode supplied with your headset.

When the Bluetooth headset or car kit establishes a connection to your phone, the Bluetooth connected icon  is displayed on the status bar for a brief moment. You can check the connection status below the hands-free headset or car kit name. Depending on the type of headset or car kit you have connected, you can then start using the headset or car kit to listen to music and/or make and receive phone calls.

## Reconnecting a headset or car kit

Normally, you can easily reconnect your headset by switching on Bluetooth on your phone, and turning on the headset. However, you might have to connect manually if your headset has been used with another Bluetooth device.

1. Make sure that the headset is set to discoverable.
2. On the Start screen, tap .
3. Tap **Settings > Bluetooth**.
4. If the Bluetooth switch is off, tap it to turn on Bluetooth.
5. Tap the headset's name in the Bluetooth devices section.
6. If you're asked to enter a passcode, try 0000 or 1234, or consult the headset/car kit documentation to find the passcode.


If you still cannot reconnect to the headset or car kit, follow the instructions in “Unpairing from a Bluetooth device”, and then follow the steps under “Connecting a Bluetooth headset or car kit”

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## Disconnecting or unpairing from a Bluetooth device


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### Disconnecting a Bluetooth device

1. On the Start screen, tap .
2. Tap **Settings > Bluetooth**.
3. On the list of Bluetooth devices, tap the device to disconnect from it. Tap the device again on the list to connect to it.

### Unpairing from a Bluetooth device

You can make your phone forget its pairing connection with another Bluetooth device. To connect to the other device again, you may need to enter or reconfirm a passcode.


1. On the Start screen, tap .
2. Tap **Settings > Bluetooth**.
3. On the list of Bluetooth devices, press and hold the device to unpair.
4. Tap **Delete**.



# Camera

## Camera basics

Whether traveling for business or fun, enjoy taking photos and videos of your trip and encounters with your phone's camera.

To open the camera, press CAMERA, or tap  on the Start screen and then tap **Camera**. When you open the camera app for the first time, it will ask you if you want to share the location of your phone. This will add a location tag to your captured photos so you'll know where they were taken.



Is your phone in sleep mode when you need to capture a quick shot? No problem, just press and hold CAMERA to wake the phone up. If the phone is locked, press and hold CAMERA to unlock just the camera function.

### Viewfinder screen



The camera displays in landscape view only. You'll find the following controls on the Viewfinder screen:



Tap to switch between Photo and Video modes.



Tap to zoom in or out.





Tap to open the camera settings. See "Camera settings" in this chapter for details.

### Zooming

Before taking a photo or video, you can first use the onscreen zoom buttons to zoom in or out of your subject.

Simply press the + or - buttons onscreen to zoom in or out.

## Taking a photo

1. On the Start screen, tap .
2. Tap **Camera**.
3. Before taking the photo, you can zoom in first on your subject. See “Zooming” to find out how.
4. Tap , and then select a camera flash mode depending on your lighting conditions.
5. Frame your subject on the Viewfinder screen.
6. Press **CAMERA** to take the photo.
7. Choose what you want to do with the photo you’ve just taken. See “After capturing” for details.

### Camera flash doesn’t turn on?

Using the flash eats up much battery power. To save battery power, the camera disables the flash (even when you have set the camera flash mode to **Auto flash** or **Flash on**) when one of the following occurs:

#### You have an incoming call

The flash will be disabled temporarily when you have an incoming call. After the call ends, you’ll be able to use the flash again.

If you have set the flash to **Flash on**, it turns back on after you answer and end the call.




#### Your phone’s battery level reaches 10% or lower

Recharge the battery so that the camera can have enough battery power to use the flash.

#### Cold weather may lower battery performance which affects the flash

To make sure the camera has enough battery life to power up the flash, keep your phone warm. When not in use, put the phone inside your jacket to keep it warm, and try to avoid sudden temperature changes that may affect battery performance.

## Capturing a video

1. On the Start screen, tap .
2. Tap **Camera**.
3. On the Viewfinder screen, tap  to switch to video mode.
4. Before you start capturing, you can zoom in first on your subject. See “Zooming” to learn how.
5. Tap , and then choose whether to turn the flashlight on or off while capturing video.
6. Frame your subject on the screen.


7. Press CAMERA to start capturing video. Press it again to stop capturing.
8. Choose what you want to do with the video you've just captured. See "After capturing" for details.

## After capturing

After capturing a photo or video, slide your finger from left to right to see the photo or video you've just captured. Press and hold the photo or video so you can:

add to favorites (Photo mode only)	Add the photo to your favorites in the Pictures application.
delete	Delete the photo or video
upload to SkyDrive / upload to Facebook (Photo mode only)	<ul style="list-style-type: none"> <li>▪ <b>upload to SkyDrive:</b> upload the photo to your SkyDrive online storage. You need to be signed in to your Windows Live account to upload to SkyDrive.</li> <li>▪ <b>upload to Facebook:</b> upload the photo to your Facebook page. You need to be signed in to your Facebook account to upload to Facebook.</li> </ul>
share (Photo mode only)	Send the photo to your friends using Messaging or email.
use as wallpaper (Photo mode only)	Use the photo as your lock screen wallpaper.

## Camera settings

To check and change your camera settings, tap  on the Viewfinder screen, and then tap an item.

Effect	Apply a special effect to your captured photos or videos.
Resolution	Select a photo or video resolution to use for capturing.
Quality (photo mode only)	Select the quality to use for capturing photos.
Scenes (photo mode only)	Choose a scene that matches the subject or environment that you're capturing.
Flicker adjustment	When taking indoor shots under fluorescent lighting, keep this setting on Auto or change it to the proper frequency (50Hz or 60Hz) of the power in your country to reduce flicker.
Metering mode	Set how the camera measures the amount of light to calculate the best exposure: <ul style="list-style-type: none"> <li>▪ <b>Center area</b> mode allows the camera to measure light in the center.</li> <li>▪ <b>Average</b> mode allows the camera to measure light in the whole photo.</li> </ul>
Restore to default	Change the camera back to default settings.

# Pictures

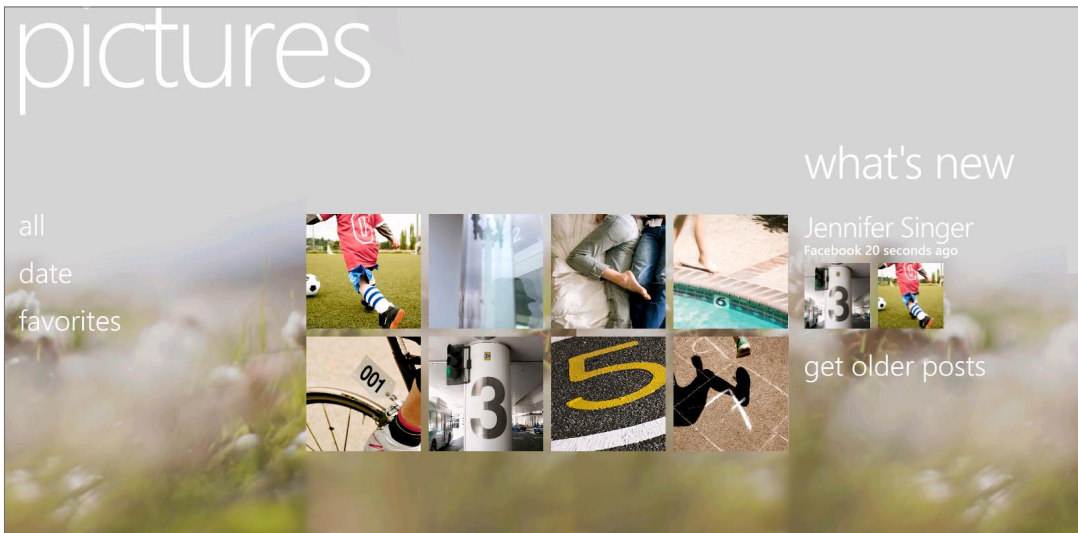
## About the Pictures hub

Using the **Pictures** hub, you can view photos and watch videos that you've taken with your phone's camera, downloaded, or synchronized with your phone. You can also take a look at your photos on your Windows Live and Facebook accounts.

To open the Pictures hub, tap the Pictures tile on the Start screen.



After opening the Pictures hub, slide to the left to check out recent photos and photos on Facebook and Windows Live.




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### Changing the Pictures hub wallpaper

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1. On the Start screen, tap the Pictures tile.
2. Press and hold the text **pictures** on top of the screen.
3. Tap **change background**.

## Viewing photos and videos

1. Choose how you want to browse through your photos and videos (all, date, favorites).
2. Select an album to view.
3. Tap a photo or video to view it in full screen.

---

### Viewing photos and videos in landscape orientation

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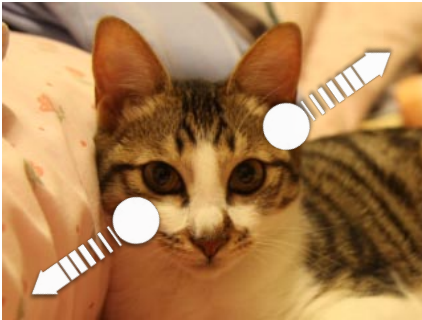
- The photo orientation adjusts to how you hold your phone. Turn your phone sideways to view a photo in landscape mode.
- Video is always displayed in landscape mode when you play it. Use the onscreen controls to play, pause, or stop the video.

---

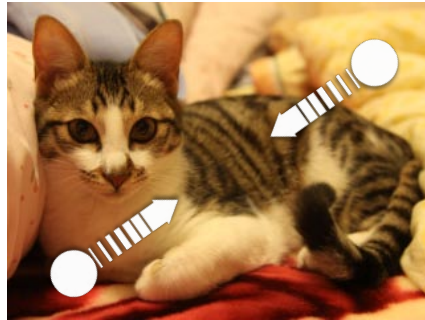
### Zooming in or out on a photo

---

You can also use pinch zooming. Press your thumb and index finger on the screen and then spread your fingers apart to zoom in. Pinch your fingers together to zoom out.



Zooming in



Zooming out

## Touching up your photos

Apply touch up work to your photos with the Photo Enhancer. See “Photo Enhancer” in the HTC apps chapter to learn how to touch up your photos.


## Sending your photos

Using the Pictures hub, you can send photos via email or picture message.

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### Sending a photo by email


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1. On the Start screen, tap the Pictures tile.
2. Tap all.
3. Tap the album where the photo you want to share is in.
4. Press and hold the photo you want to send, and then tap **share**.
5. Select the email account you want to use to send the photo.
6. Compose your message and then tap .

---

## Sending a picture message

---

1. On the Start screen, tap the Pictures tile.
2. Tap **all**.
3. Tap the album where the photo you want to share is in.
4. Press and hold the photo you want to send, and then tap **share**.
5. Tap **Messaging**. The photo is automatically added into the message.
6. Compose your message and then tap .

## Sharing your photos on the Web

Using the Pictures hub, you can share your photos on Facebook and upload your photos to your Windows Live SkyDrive.


You can also use the camera app to share a photo right after you've captured it. See the Camera chapter.

---

## Sharing photos on Facebook

---

You need to be logged in to your Facebook account to be able to upload photos.


1. On the Start screen, tap the Pictures tile.
2. Tap **all**.
3. Tap the album where the photo you want to share is in.
4. Press and hold the photo you want to send, and then tap **share > upload to Facebook**.
5. If you want to enter a caption, tap the **add a caption** box, and then enter your caption.
6. After entering the caption, tap .

---

## Uploading a photo to your SkyDrive

---

You need to be logged in to your Windows Live account to be able to upload photos.

1. On the Start screen, tap the Pictures tile.
2. Tap the album where the photo you want to share is in.
3. Press and hold the photo you want to send, and then tap **share > upload to SkyDrive**.
4. If you want to enter a caption, tap the **add a caption** box, and then enter your caption.
5. After entering the caption, tap .

# Zune

## Synchronizing your computer and phone

You'll need the Zune® software to get your music, videos, and podcasts from your computer to your phone. Use it to sync these stuff between your computer and phone. If you don't have the Zune software on your computer yet, go to [www.zune.net](http://www.zune.net) to download and install it.

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### Setting up Zune to sync your computer and phone

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1. Connect your phone to your computer using the supplied USB cable. Zune automatically opens on your computer, if you haven't opened it.
2. Wait for Zune to recognize your phone, and then follow the onscreen instructions to set it up.

---

### Selecting items to sync with your phone

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After setting up Zune on your computer, choose what you want to sync with your phone.



1. Connect your phone to your computer using the supplied USB cable. Zune automatically opens on your computer, if you haven't opened it.
2. Click **collection** on top of the Zune screen.
3. Choose the type of media (for example, Music) you want to sync to your phone.
4. Choose the items you want to sync with your phone, and then drag them to the phone icon (  ) at the bottom-left corner of the Zune screen.

## Music + Videos hub

The Music + Videos hub is your gateway to your media collection. Listen to your music, watch your videos, check out your podcasts, listen to the radio, and go to the Marketplace to buy music — all in the Music + Videos hub.

### Listening to music

1. Get your music into your phone by following the steps in “Selecting items to sync with your phone” earlier in this chapter.
2. On the Start screen, tap the Music + Videos tile.
3. In zune of the Music + Videos hub, tap **Music**.
4. Slide your finger left or right to browse your music according to the category you want.
5. Tap the title of the song you want to listen to.

While listening, you can press and hold  to rewind or press and hold  to fast forward.

Buy additional music by visiting the Marketplace. For more information, go to “Windows Marketplace” in the More apps chapter.

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#### Turning on repeat or shuffle

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While playing a song, tap the album cover to loop or shuffle the songs in the album. You can also rate the album.

---

#### Controlling music playback from the status bar

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When you exit the music player, you can still control music playback from the status bar. To show the playback controls on the status bar, press the VOLUME UP or VOLUME DOWN button.

### Watching videos

1. Get your videos into your phone by following the procedure in “Selecting items to sync with your phone” earlier in this chapter.
2. On the Start screen, tap the Music + Videos tile.
3. In zune of the Music + Videos hub, tap **videos**.
4. Slide your finger left or right to browse through your videos according to the category you want.
5. Tap the title of the video you want to watch.




## Listening to or watching your podcasts

1. Get your podcasts into your phone by following the steps in “Selecting items to sync with your phone” earlier in this chapter.
2. On the Start screen, tap the Music + Videos tile.
3. In zune of the Music + Videos hub, tap **podcasts**.
4. Slide your finger left or right to go to your audio or video podcasts.
5. Tap the title of the podcast you want to watch or listen to.

## Listening to the radio




You need to connect a headset first to the audio jack of your phone to use the radio. The radio uses the stereo headset as the radio antenna,

1. On the Start screen, tap the Music + Videos tile.
2. In zune of the Music + Videos hub, tap **radio**.
3. Slide your finger left or right to go to the radio station you want to listen to.
4. Add the radio station to your favorites by tapping .




Access your favorite radio stations by tapping .

The radio plays in the background even if you exit the radio screen. If you do not want to continue listening to the radio, tap  before exiting.

# Maps and location

## Turning on location services

In order to find your location on your phone, you need to enable location sources.

1. On the Start screen, tap .
2. Tap **Settings** > **location**.
3. Tap the **Location services** On/Off switch to turn it on.

## Bing Maps

**Bing Maps** lets you track your current location, view real-time traffic situations, and receive detailed directions to your destination.



- You need an active mobile data or Wi-Fi connection to use Bing Maps.
- Real-time traffic information is only available in some areas.



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## Viewing locations in Bing Maps

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### Finding your location

To find your location with Bing Maps, you need to enable location sources. To find out how, see “Turning on location services” in this chapter.

1. On the Start screen, tap .
2. Tap **Maps**.
3. Tap .

### Moving on the map

Swipe your finger on the screen to view other areas of the map.

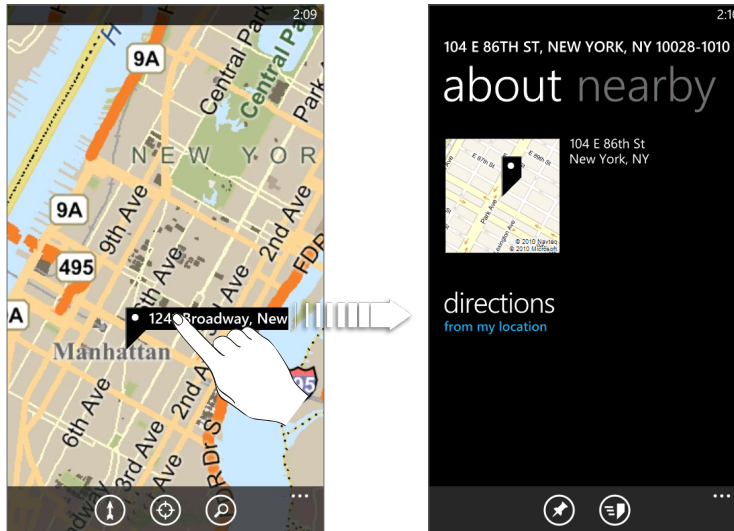
### Zooming in or out of a map

You can:

- Spread your thumb and index finger across the map to zoom in.
- Pinch your thumb and index finger on the map to zoom out.

## Getting an address and additional information for a location

1. Press and hold a location on the map. A balloon opens over the location with the address.
2. Tap the balloon to see more information.

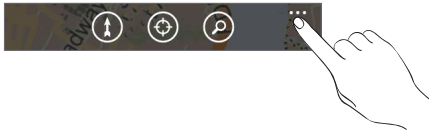


You can get directions to the location, pin the location to the Start screen, share the location via text message or email, and more.

## Clearing the map

After you get directions or search on a map, you can clear away the various markers that such activities have drawn on the map.

While viewing a map, tap ..., and then tap **clear map**.




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
## Switching to aerial view

View satellite imagery by switching to aerial view. While viewing a map, tap ..., and then tap **aerial view on**.

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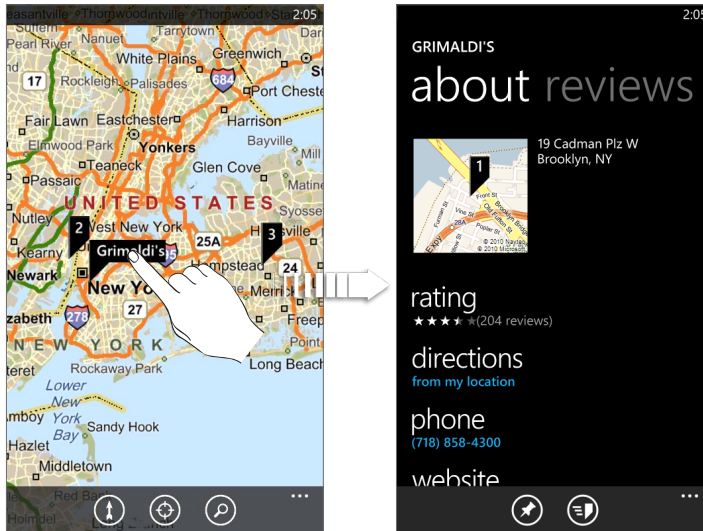
## Searching for locations and places

In Bing Maps, you can search for a location, such as an address, landmark, name of an establishment, or a city.

1. While viewing a map, tap .
2. Enter the address, landmark, or city you want to search in the search box.
3. Tap  on the keyboard.

## Viewing search results



The search results will be displayed as markers on the map. After tapping the balloon that shows the location that you want, you'll see its address, rating, nearby places, and reviews, if available.

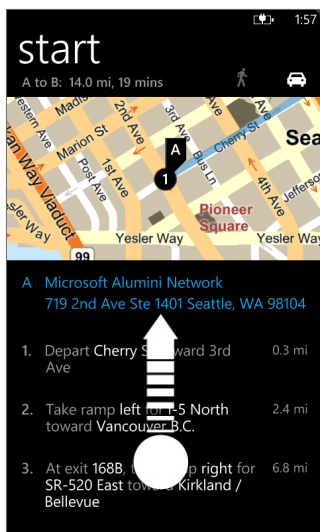


To see the results as a list, tap ... while viewing a map, and then tap **results list**.

## Getting directions

Get detailed directions to your destination. Bing Maps can provide directions for travel by foot or car.

1. While viewing a map, tap .
2. Use your current location as the starting point, or enter a location from where to start in the first text box. Then, enter your destination in the second text box.
3. Tap  on the keyboard.
4. The next screen displays the directions to your destination in a list.



Scroll up on the list to see the rest of the instructions.

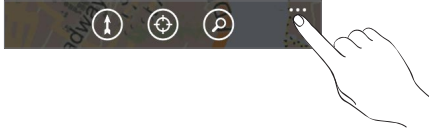
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## Checking traffic conditions

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Traffic information is available only in selected areas. You can choose to show real-time traffic conditions on a map. Traffic conditions are displayed over roads as color-coded lines. Each color represents how fast the traffic is moving.

To show traffic conditions, tap ... while viewing a map, and then tap **show traffic**.



# HTC Hub

## About the HTC Hub


Get more out of your phone with apps from us. Check out the HTC Hub and see what we have in store for you. The built-in Weather app shows the weather in rich 3D animation for your location or in cities that you select, and provides a forecast for coming days. Apps ranging from fun games to management tools are just a tap away.


Some apps you see in HTC Hub are not really on your phone yet. Tapping such an app takes you to Marketplace and lets you download it to HTC Hub.

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### Opening HTC Hub

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Open HTC Hub from the Start screen by tapping  and then tapping **HTC Hub**. The HTC Hub main page displays your current date, time, and location, as well as the weather for your location. Tap the weather image to open the Weather app and check for more weather forecasts.

You'll also see a list of featured apps from HTC. Tap  to refresh the list.





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### Downloading apps

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You need to be connected the Internet using a data connection or Wi-Fi to download apps.

1. On the Start screen, tap .
2. Tap **HTC Hub**.
3. Tap **Get more**.
4. Tap the app you want to open or download.



If the app is preloaded in your phone, you'll also see it in the apps list.


---

## Weather

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Should I bring an umbrella today? Check what the weather's like before you head out.


### Checking the weather

1. On the Start screen, tap .
2. Tap HTC Hub.  
The weather for your current location is displayed on the weather clock.
3. Tap the weather image to open the Weather screen.
4. Swipe your finger up or down the screen to check the weather in other cities.



Not seeing your current location's weather forecast? Check if you have Location services turned on in Settings.


### Adding a city

1. On the Weather screen, tap .
2. Enter the city you want to add. As you enter text, a list of possible locations are shown based on the letters you entered.
3. Tap the city to select it.

### Deleting a city from the list

1. On the Weather screen, tap ... > edit locations.
2. Tap the red circle beside the city you want to delete.
3. Tap done.

### Changing the order of cities on the Weather screen

1. On the Weather screen, tap ... > edit locations.
2. Press and hold  at the end of the item you want to move. When the row is highlighted, drag it to its new position, then release.
3. Tap done.

### Changing the temperature scale

1. On the Weather screen, tap ... > settings.
2. Under Temperature scale, choose Fahrenheit or Celsius.

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## Calculator

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Hold the phone upright and you get a basic calculator. Turn your phone to the side and you get a scientific calculator.

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## Connection Setup



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Set up your phone's data connection based on your SIM card or a mobile operator that you select. Make sure you have your SIM card inserted in your phone before you proceed.




Connection Setup is only available on selected versions of the phone. If your phone has pre-configured settings installed for a certain mobile operator, Connection Setup will be absent.

## Automatically setting up your data connection

1. On the Start screen, tap .
2. Tap HTC Hub.
3. Tap Get more.
4. Tap Connection Setup.  
Connection Setup automatically configures your phone's settings. If you see more than one mobile operator, you can select your mobile operator.
5. Tap .



If Connection Setup does not automatically configure your mobile phone settings, you can manually configure the settings. Tap ... > manual select, choose the Country or Operator you want to use, and then tap .

## Converter

How many pounds are there in a kilo again? Use Converter to convert weight, length, volume, and even currency.

## Flashlight

Use your phone's camera flash as a flashlight.

## List

Forgot to buy the toothpaste again? Make sure you don't forget next time by using List to jot down the things you need to get from the grocery.



## Love

He loves me, he loves me not, he loves me!!! See whether that special someone is feeling the same way as you are.

## Notes


Note to self - pick up flowers for wife before going to dinner. Use Notes to tack short reminders to yourself.

## Creating a note

1. On the Start screen, tap .
2. Tap HTC Hub.
3. Tap Get more.
4. Tap Notes.
5. Tap .



You can also tap the stack of notes at the lower-left of the screen to create a new note.

6. Enter your note, and then tap .



## Editing a note

1. On the Note screen, tap .



You can also slide your finger left while on the cork board to go to the List view.


2. Tap a note to open it, and tap the note again to edit it.

## Moving a note to another position on the cork board



1. On the cork board, press and hold a note until it floats.
2. Drag the note to the new position on the cork board, and then tap the note to dock it.

## Deleting a note

Do one of the following:

- On the cork board, tap the note you want to delete, and then tap .
- Go to List view, press and hold the note you want to delete, and then tap **delete**.

## Deleting multiple notes



1. On the Note screen, tap  to see your notes in List view.
2. Tap ,
3. Select the notes you want to delete, and then tap **done**.

---

## Photo Enhancer

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Photos need a bit of touch-up? Use one of the available photo enhancements to touch up your photos. The original photos are not touched. They're saved as new files after you make your changes.


1. On the Start screen, tap .
2. Tap **HTC Hub**.
3. Tap **Get more**.
4. Tap **Photo Enhancer**.
5. Tap **Choose Picture**.
6. Open the album where the photo you want to edit is located, and then tap the photo.
7. Slide your finger left across the top of the screen to choose the effect you want to apply to the photo.
8. Tap . The enhanced photo is saved in another album called **Saved Pictures**.

---

## Sound Enhancer

---

Get that surround sound feeling when you're watching videos or listening to music on your phone.

1. On the Start screen, tap .
2. Tap HTC Hub.
3. Tap Get more.
4. Tap Sound Enhancer.
5. Tap Audio and Video to set the sound option you want to use. You can choose from **No effects**, **Dolby Mobile**, or **SRS enhancement**. For Audio, if you're using a headset, you can also choose from various preset equalizer settings. (Dolby, SRS, and equalizer are not available when you're using a Bluetooth stereo headset.)



You can also set a sound option when the surround speakers are open by pressing the button on the surround speakers to cycle between options. See "Slide-out surround speakers and kickstand" in the Basics chapter to see the location of the button.


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## Stocks



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Get updates for the stocks you are following.

### Checking your stocks

1. On the Start screen, tap .
2. Tap HTC Hub.
3. Tap Get more.
4. Tap Stocks.
5. Tap a stock to see its trading history. Swipe your finger up on the list of stocks to see more.


### Adding a stock quote or stock market index

1. On the Stocks screen, tap .
2. Enter the stock quote or stock market index on the text field, and then tap .
3. On the results list, tap the stock quote or stock market index you want to add.

### Deleting a stock quote or index

1. On the Stocks screen, tap ... > **edit**.
2. Tap the red circle beside the item you want to delete.
3. Tap done.

### Changing the stock list order

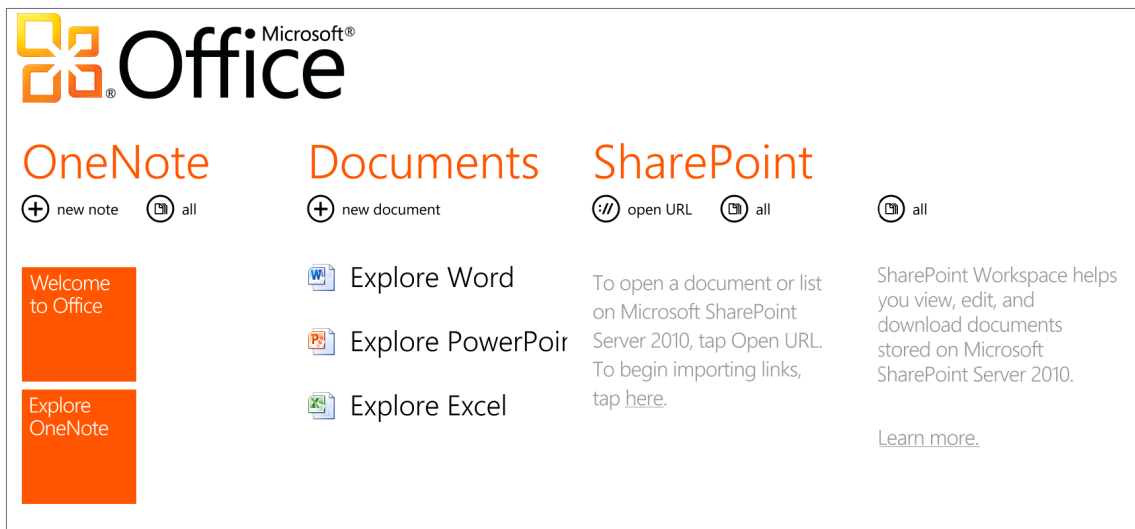
1. On the Stocks screen, tap ... > **edit**.
2. Press and hold  at the end of the item you want to move. When the row is highlighted, drag it to its new position, then release.
3. Tap done.

# More apps

## Microsoft Office Mobile 2010

The Microsoft® Office hub consists of the following apps:

- Microsoft OneNote Mobile 2010 lets you keep track of stuff at home, school, or work — your big ideas, shopping lists, meeting notes, projects, you name it.
- Microsoft® Word Mobile 2010 lets you create and edit documents on your phone.
- Microsoft® Excel® Mobile 2010 lets you create, view, and edit Excel spreadsheets on your phone.
- Microsoft® PowerPoint® Mobile 2010 lets you view (not create) and edit slideshow presentations on your phone.
- SharePoint Workspace lets you view, edit, and download documents stored on Microsoft SharePoint Server 2010.




Currently, you can't copy Office documents into your phone from your computer. If you want to get your Word, Excel, or PowerPoint file into your phone, send it as an email attachment to one of the email accounts you have set up on your phone. From there, you can tap the attachment to open it on your phone. To find out how to set up an email account, see "Setting up an account" in the Getting started chapter.

---

## Using Microsoft Office Mobile

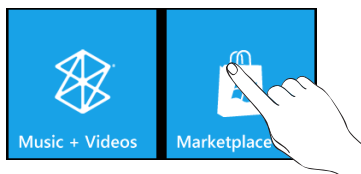
---

1. On the Start screen, tap .
2. Tap Office.
3. Select the Office app you want to use. Scroll left to see the other Office apps.

## Windows Marketplace

On Windows® Marketplace, it's easy to download and purchase new apps, games, and music that fit your needs and make your phone truly personal. A wide range of free and premium programs is available, from games to powerful business apps. You can also preview and purchase songs on the Marketplace.

To open Marketplace on your phone, tap  on the Start screen, and then tap **Marketplace**.



## Games

Sign in to Xbox Live® and get access to a ton of games. To open Games on your phone, tap the Games tile on the Start screen.



## AT&T apps

You'll find the following AT&T apps preinstalled on your phone.

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### AT&T U-verse Mobile

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AT&T U-verse Mobile is a subscribed service that provides you the ability to download available shows from the Mobile Library and watch them on your phone. Once a show is downloaded, you may watch it anytime, even when not connected to any network or in airplane mode.

To open the AT&T U-verse Mobile hub, tap the AT&T U-verse Mobile tile on the Start screen.

Three service levels are provided:

- **Guest:** Guest users do not need to sign in, and can browse content and view program information. Guest users cannot download content.
- **National Subscriber:** AT&T Wireless subscribers who do not have U-verse TV service at home, but who pay a monthly fee to receive the Download and Watch experience.
- **U-verse Subscriber:** AT&T Wireless subscribers who have U-verse Mobile at home. These subscribers get the Download and Watch experience and can manage recorded content from their mobile phone.

---

### AT&T Family Map

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AT&T Family Map lets you locate anyone who is on your AT&T account and in AT&T's coverage area. You can find out where your kids are, be notified what time they arrive home, and more. Enjoy peace of mind with AT&T Family Map.

On the Start screen, tap  and then tap AT&T Family Map.

---

### AT&T myWireless

---

Conveniently manage your AT&T account from your phone with AT&T myWireless. Pay your phone bill, see how many voice minutes you have left, view data usage, and more.

On the Start screen, tap  and then tap AT&T myWireless.

---

### AT&T Navigator

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Use AT&T Navigator to get turn-by-turn driving directions to a destination you enter or a place of interest in the directory.

To open AT&T Navigator on your phone, tap the AT&T Navigator tile on the Start screen.

---

### AT&T Radio

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Enjoy music on the go with access to hundreds of radio stations using AT&T Radio.

To open AT&T Radio on your phone, tap the AT&T Radio tile on the Start screen.

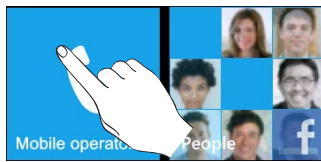
# Security

## Protecting your SIM card with a PIN

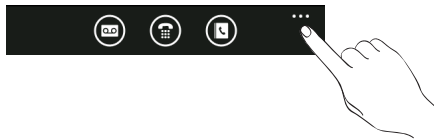
Add another layer of security for your phone by assigning a PIN (personal identification number).

Make sure you have the default SIM PIN provided by your mobile operator before continuing.

1. On the Start screen, tap the Phone tile.



2. Tap ..., and then tap call settings.



3. Tap the **SIM security** On/Off switch.
4. Enter the default SIM card PIN, and then tap **enter**.
5. To change the SIM card PIN, tap **Change SIM PIN**.



Emergency calls can be placed at any time without requiring a PIN. See “Making an emergency call” in the Phone calls chapter for more details.

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### Restoring a SIM card that has been locked out


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If you enter the wrong PIN more times than the maximum number of attempts allowed, your SIM card will become “PUK-locked.” You need a PUK code to restore access to the phone. This code may have been provided by your mobile operator when you received your SIM card.

1. On the Phone dialer screen, enter the PUK code, and then tap **enter**.
2. Enter the new PIN you want to use, and then tap **enter**.
3. Enter the new PIN again, and then tap **enter**.

## Protecting your phone with a password

You can secure your phone by requiring a password every time your phone is turned on or every time it wakes up from sleep mode (screen is off).

1. On the Start screen, tap .
2. Tap **Settings > lock & wallpaper**.
3. Tap the **Password On/Off** switch.
4. Enter the password in both the **New password** and **Confirm password** boxes.
5. Tap **done**.

## Protecting your phone through the Web

It's a nightmare when you lose your phone especially if there's sensitive information on it. Luckily, by going to [www.windowsphone.live.com](http://www.windowsphone.live.com) on your computer, you can find your phone's location, lock it, make it ring, and even erase the contents on your phone through a web browser.

Two things to keep in mind. One, before you go to the [windowsphone.live.com](http://windowsphone.live.com) website, make sure you are signed in to your Windows Live account on your phone. Two, make sure to sign in to Windows Live on your computer using the same Windows Live ID you used on the phone.




For you to be able to find and control your phone from your computer web browser, make sure your phone is connected to the Internet through a Wi-Fi or data connection.

# Settings

## Settings on your phone

Control and customize phone settings on the Settings screen.

1. On the Start screen, tap .
2. Tap **Settings**.
3. Slide your finger left or right to access the system or application settings

---

### System settings

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ringtones & sounds	<ul style="list-style-type: none"> <li>▪ Turn on or off ringer and vibrate.</li> <li>▪ Choose sounds to use for your phone ringtone and notifications.</li> <li>▪ Choose which events to play a notification sound.</li> </ul>
theme	Set the background and accent color to use.
airplane mode	Turn on or off airplane mode.
Wi-Fi	Set up your Wi-Fi connection.
Bluetooth	Manage your Bluetooth connections.
email & accounts	Set up accounts such as Windows Live, Outlook (Exchange ActiveSync), Facebook, and more. Setting up accounts lets your phone sync information with those accounts.
lock & wallpaper	Change your lock screen wallpaper, set the screen time out, and set up a password for your phone.
location	Choose whether to allow or prevent apps on your phone from accessing your current location.
cellular	Turn on or off your data connection, choose whether to enable data roaming, and add/edit your data connection APN.
date & time	Choose to set the date and time automatically or manually and choose how you want the time displayed.
brightness	Set the screen brightness.
keyboard	Choose the options you want for the onscreen keyboard.
region & language	Set the regional format to use for displaying and searching information.
speech	Choose the options you want when using voice to interact with your phone.
find my phone	If you're not signed in to a Windows Live account, set up your phone to communicate with a web browser. If you're already signed in, change the settings on how your phone can be found.
phone update	Choose if you want to be notified when there is an update available and how you want to check for updates.
about	Check information about your phone. You can also do a factory reset of your phone.
feedback	Choose if you want your phone to send feedback to Microsoft and whether to allow the use of data connection when sending. Note that if <b>Use my cellular data connection to send feedback</b> is selected, you may have to pay additional fees if feedback is enabled.



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## Applications settings

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Check or change the settings for some apps on your phone. Tap the app name on the list to see what settings are available.

## Changing display settings

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### Setting the screen brightness manually

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1. On the Start screen, tap .
2. Tap **Settings** > **brightness**.
3. Tap the **Automatically adjust** On/Off switch to turn it off.
4. Select the **Level** to use.

---

### Adjusting the time before the screen turns off

---

After a period of inactivity, the phone screen turns off to save battery power. You can set the idle time before the screen turns off.


1. On the Start screen, tap .
2. Tap **Settings** > **lock & wallpaper**.
3. Tap the **Screen time-out** box, and then select the time before the screen turns off.

## Changing sound settings

---

### Switching between silent and vibrate modes

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1. On the Start screen, tap .
2. Tap **Settings** > **ringtones & sounds**.
3. Tap the **Vibrate** On/Off switch to turn off vibrate.

With Vibrate on, your phone will go to vibrate mode when you lower the sound volume down to zero. When Vibrate is off, the phone will go to silent mode when you set the volume to zero.

---

### Switching between silent, vibrate, and normal modes

---


- Change from normal mode to vibrate or silent mode by pressing the **VOLUME DOWN** button until the volume level reaches zero.
- Change back to normal mode by pressing the **VOLUME UP** button.

---


### Choosing the notification sound

---

You can choose a sound that you want for notifications.


1. On the Start screen, tap .
2. Tap **Settings** > **ringtones & sounds**.
3. Tap the box of the notification you want to change, and then choose the sound to use.

## Checking information about your phone

1. On the Start screen, tap .
2. Tap Settings > about.

## Changing the phone language

When you turn your phone on for the first time, you are asked to select the language you would like to use. You can also change the language on the fly whenever you like. Changing the language adjusts the keyboard layout, date and time formatting, and more. The languages available to choose from may depend on the version of phone you have.

1. On the Start screen, tap .
2. Tap Settings > region & language.
3. Tap the Display language box, and then select the display language you want.
4. Tap Tap here to accept changes and restart your phone.

# Update and reset


## Updating the phone software

From time to time, updates for your phone may be available. Your phone can check and then notify you if there's a new update.

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### Setting the phone to notify you when an update is available

---

1. On the Start screen, tap .
2. Tap Settings > phone update.
3. Select the Notify me when new updates are found check box.
4. Choose whether to allow the use of your phone's data connection to check for updates.

When you are notified of an available update, connect your phone to your computer using the supplied USB cable to download and install the update using the Zune software.



Your computer needs to be connected to the Internet to download the update.

## Restarting or factory resetting your phone

If your phone becomes unresponsive or sluggish, try restarting your phone and see if that helps. In case your phone has a persistent problem that cannot be solved, the last resort is to do a factory reset.

---

### Restarting your phone (soft reset)

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If your phone is running slower than normal, an app is not performing properly, or your phone becomes unresponsive, try restarting your phone and see if that helps solve the problem.

To restart your phone, simply turn it off and back on. If pressing and holding the POWER button doesn't work, then remove the battery, wait for a few seconds, reinsert the battery, and then turn the phone on.

---

## Performing a factory reset (hard reset)


---

If you're passing your phone on to someone else or your phone has a persistent problem that cannot be solved, you can do a factory reset (also called a hard reset). This returns your phone to the state it was in before the first time you turned it on.

Factory reset is not a step to be taken lightly. It will permanently delete all your data and customized settings, and will also remove any apps you've downloaded and installed. Be sure to back up any data and files you want to keep before you do a factory reset.

### Performing a factory reset via settings

The most convenient way to do a factory reset is via the phone settings.

1. On the Start screen, tap .
2. Tap **Settings** > **about phone**.
3. Tap **reset your phone**, and then tap **yes**.

### Performing a factory reset using phone buttons

If you cannot turn on your phone or access the phone settings, you can still perform a factory reset by using the buttons on the phone.

1. With the phone turned off, press and hold the VOLUME UP and DOWN buttons, and then briefly press the POWER button.
2. Wait for the screen to show the instructions on how to do the factory reset, and then release the VOLUME UP and DOWN buttons.
3. Follow the instructions onscreen to factory reset your phone.

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