

APPLICANT: MOTOROLA INC.

FCC ID: IHDP56JH3

INSTRUCTION MANUAL

A representative version of the user's manual follows:

# HELLOMOTO

## congratulations

The MOTOSURF™ A3100 is a phone with a distinct edge—personalization, music, videos, and e-mail—all in a streamlined, intelligent, touchscreen phone.

The power to multitask is paired with cutting edge Microsoft™ Windows™ Mobile technology: **Wi-Fi**, **Bluetooth®**, **3MP camera**, **full HTML browser**, **GPS satellite navigation**, **full multimedia support**, and more...all in a stylish and ultra-thin design.

We've crammed all the main features of your phone into this handy guide, and in a matter of minutes you'll see just how easy your phone is to use. Browse the menus to see more. You may be surprised at what you discover.

So go on, check it out.

**Caution:** Before using your phone for the first time, please read the **important legal and safety** information at the back of this guide (page 47).

## more information

### on the Web

Download manuals and more: [www.motorola.com/myMotoSurf](http://www.motorola.com/myMotoSurf)

Microsoft Windows Mobile Support:

[www.microsoft.com/windowsmobile](http://www.microsoft.com/windowsmobile)

### on the phone

Tap **Start** > **Help**

## this guide

### symbols in this guide



This means a feature depends on your network, SIM card, or subscription and may not be available everywhere. Contact your service provider for more information.



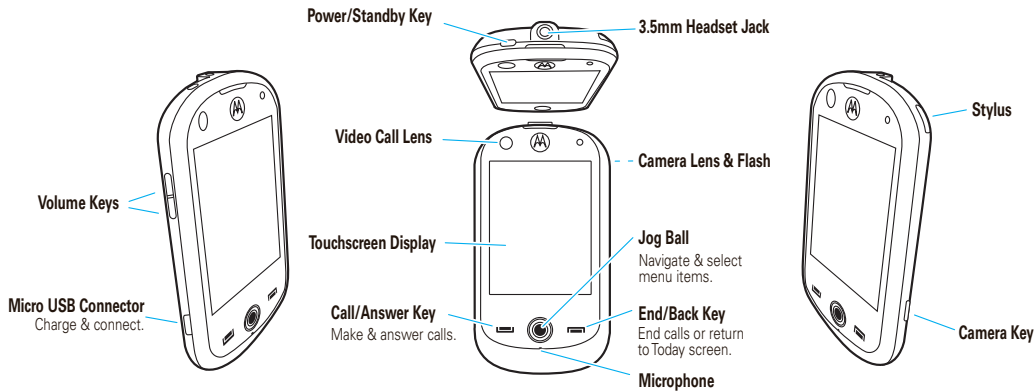
This means a feature needs an optional accessory.

# contents

<b>your phone</b> .....	<b>4</b>	recent calls .....	12	messaging quick reference . . . .	20
<b>start menu</b> .....	<b>5</b>	redial a number .....	12	instant messaging .....	23
<b>assemble &amp; charge</b> .....	<b>6</b>	return a missed call .....	12	<b>text entry</b> .....	<b>23</b>
<b>basics</b> .....	<b>7</b>	go handsfree .....	13	voicemail .....	24
turn it on & off .....	7	in-call options .....	13	<b>tips &amp; tricks</b> .....	<b>25</b>
touch tips .....	7	three-way calling .....	13	<b>personalize</b> .....	<b>26</b>
jog ball .....	8	speed dial .....	14	Today screen .....	26
make & answer calls .....	8	more call features .....	14	profiles & sounds .....	26
end calls .....	8	call times and costs .....	15	time & date .....	26
adjust volume .....	9	emergency calls .....	15	screen settings .....	26
save a contact .....	9	<b>contacts</b> .....	<b>16</b>	task manager .....	26
call a contact .....	9	phone contacts &		more personalize features .....	27
transfer your contacts .....	9	SIM contacts .....	16	<b>photos</b> .....	<b>27</b>
set up & go .....	9	edit or delete a contact .....	16	take a photo .....	27
storage card .....	9	store more than a number .....	16	photo options .....	28
<b>Today screen</b> .....	<b>10</b>	more contacts features .....	16	manage your photos .....	28
status indicators .....	11	<b>messages</b> .....	<b>17</b>	edit your photos .....	28
<b>calls</b> .....	<b>12</b>	send a message .....	17	<b>videos</b> .....	<b>29</b>
video calls .....	12	receive & read messages .....	18	record a video .....	29
		set up e-mail .....	19		

video options . . . . .	29	<b>navigation . . . . .</b>	<b>34</b>	<b>Wi-Fi . . . . .</b>	<b>44</b>
play a video . . . . .	29	GPSXtra . . . . .	34	turn Wi-Fi on . . . . .	44
manage your videos . . . . .	30	<b>web browser . . . . .</b>	<b>34</b>	Wi-Fi search & connect . . . . .	44
<b>set up music . . . . .</b>	<b>30</b>	third-party applications . . . . .	35	<b>tools . . . . .</b>	<b>44</b>
what music transfer tools do I need? . . . . .	30	Internet Sharing . . . . .	35	add calendar event . . . . .	44
do I need a storage card? . . . . .	30	<b>Google . . . . .</b>	<b>38</b>	set alarm . . . . .	44
what music file formats can I play? . . . . .	30	<b>Bluetooth® wireless . . . . .</b>	<b>38</b>	calculator . . . . .	44
what headphones can I use? . . . . .	30	turn Bluetooth power on or off . . . . .	38	documents to go . . . . .	44
<b>get music . . . . .</b>	<b>31</b>	pair with a headset or handsfree device . . . . .	39	tasks . . . . .	44
rip a CD . . . . .	31	send (beam) objects to another device . . . . .	39	<b>security . . . . .</b>	<b>45</b>
transfer music . . . . .	31	advanced Bluetooth features . . . . .	39	lock & unlock phone . . . . .	45
<b>play music &amp; media . . . . .</b>	<b>32</b>	<b>cable connections . . . . .</b>	<b>40</b>	master clear . . . . .	45
media player controls . . . . .	32	connect your storage card to a PC . . . . .	40	<b>management . . . . .</b>	<b>46</b>
wake up media player . . . . .	33	<b>synchronize . . . . .</b>	<b>42</b>	file explorer . . . . .	46
turn off media player . . . . .	33	sync with a computer . . . . .	42	wireless manager . . . . .	46
media player tips . . . . .	33	sync over the air . . . . .	43	removing programs . . . . .	46
streaming player . . . . .	33			Windows update . . . . .	46
				network . . . . .	46
				<b>legal &amp; safety . . . . .</b>	<b>47</b>
				<b>index . . . . .</b>	<b>61</b>

# your phone



# start menu

To open the menu from the Today screen, tap **Start**.

-  **Today**
-  **Calendar**
-  **Contacts**
-  **Internet Explorer**
-  **Messaging**
-  **Phone**
-  **Windows Media**

## *Recent Programs*

### **Settings**

- **Personal** tab
  - Buttons
  - Input
  - Lock
  - Menus
  - Owner Information
  - Phone
  - Sounds & Notifications
  - Today

### **Settings (continued)**

- **System** tab
  - About
  - Backlight
  - Certificates
  - Change Master Code
  - Clock & Alarms
  - Encryption
  - Error Reporting
  - External GPS
  - Jog Ball
  - Managed Programs
  - Memory
  - Power
  - Profiles
  - Regional Settings
  - Remove Programs
  - Screen
  - SysInfo
  - Task Manager
  - Windows Update
- **Connections** tab
  - Beam
  - Bluetooth
  - Connections
  - Domain Enroll
  - Network Wizard
  - USB to PC
  - Wi-Fi
  - Wireless Manager

### **Programs**

- Documents To Go
- Games
- ActiveSync
- Calculator
- Camera
- File Explorer
- FlashLight
- Getting Started
- Getting Started
- Google
- Internet Sharing
- JBlend Java
- Master Clear
- Messenger
- Notes
- Pictures & Videos
- Remote Desktop
- RSS Reader
- Search
- SIM Manager
- Streaming Player
- Task Manager
- Tasks
- STK \*
- Windows Live

### **Help**

\* Optional

This is the standard main menu layout. **Your phone's menu may be different.**

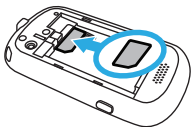
# assemble & charge

let's get you up and running

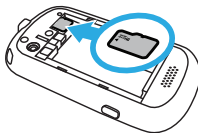
cover



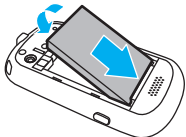
2 SIM



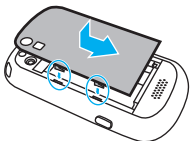
3 storage card



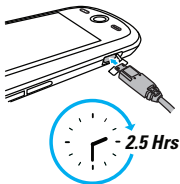
battery



5 replace cover



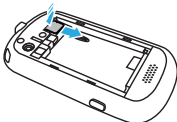
6 charge



removing battery



removing storage card




**Caution:** See page 47 for battery use & safety information.

# basics

## *a few essential basics to get you started*

### turn it on & off

Press and hold  (top of phone) for a few seconds to turn the phone on or off.

**Tip:** Want to conserve battery power? Press  to put the phone in standby mode.

### touch tips

Four handy ways to navigate:

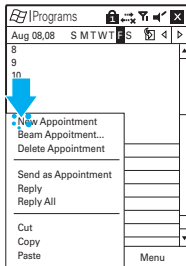
#### tap



Gently apply pressure on the display screen to select an item.

*Try this:* tap **Start** to open the start menu.

#### tap & hold

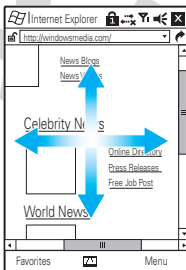


Tap and hold to see further menu options.

*Try this:* tap and hold an appointment in **Calendar** to view the options.

**Note:** Tap **x** or **ok** to close the window.

#### drag

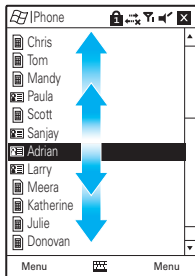


Tap and hold the scroll bars, or centre of the screen, then drag up, down or across.

*Try this:* drag through a website.





## flick



Similar to dragging, but with lighter, quicker strokes, up or down.

*Try this:* flick through your list of **Contacts**.

## jog ball

Roll the *jog ball*  up, down, left, or right to scroll to and highlight menu items. When you highlight something, press the center of the jog ball  to select it.

**Note:** This guide describes how to use the stylus and touchscreen control to use features. In most cases, it doesn't include the equivalent jog ball control for using the feature.

## color status

The color of the jog ball changes to show the phone status:


- **Blue** - (or yellow when roaming) - incoming call, notification or missed call


**Tip:** Want to customize your notifications? Tap **Start** > **Settings** > **Sounds & Notifications** > **Notifications** tab.

- **Red** - low battery
- **Amber** - charging
- **Green** - fully charged

## make & answer calls



To make a call, tap **Start** > **Phone** then enter a number and tap **Talk** or press .

To answer a call, tap **Answer** or press  when your phone rings or vibrates.

## end calls



Press .

## adjust volume

You can adjust the volume during a call by pressing the up or down volume keys on the side of the phone (see page 4). To mute a call, tap **Mute**.

## save a contact

- 1 From the Today screen, tap **Start** > **Phone** and enter the number.
- 2 Tap **Menu** > **Save to Contacts** > **New Contact**.
- 3 Select whether to save it on your phone (**Outlook Contact**) or on your SIM card (**SIM Contact**).
- 4 Enter the contact details and tap **Save** again.

## call a contact

- 1 Tap **Start** > **Contacts**.
- 2 Flick through the list to highlight the contact.
- 3 Tap **Call**.

## transfer your contacts

To transfer your contacts from your old phone to your new phone, simply save all your contacts to your SIM card on your old phone. When you put the SIM card into your new phone, the contacts appear in your contacts list.

**Note:** SIM contacts only let you store basic information, such as name and number. Other details may be lost, and multiple numbers may be stored as multiple contacts.

## set up & go

Read how to set up all the most important features on your phone, using the **Getting Started** application.

**Find it:** **Start** > **Programs** > **Getting Started**

You can learn how to:

- Make a call
- Set the date and time
- Personalize your phone
- Set up a password
- Set up your e-mail
- Set up a Bluetooth® headset
- Transfer music
- Use the Today screen

## storage card

View the available memory on your storage card.

**Find it:** **Start** > **Settings** > **System** tab > **Memory** > **Storage Card** tab

Check out all the content on the microSD storage card supplied with your phone. The content can include many exciting applications to help you make the most of your new phone.


You can use your microSD storage card (up to 32 GB) to **install your applications** and **store more content**, such as music, photos, video clips, documents and data.

To install the applications, follow the on-screen instructions.

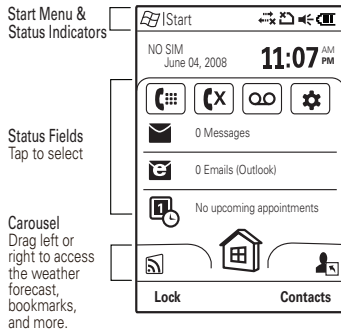
To copy a file **from your storage card to a computer**, you can use a cable connection (see page 40) or a Bluetooth® connection (see page 38).

## Today screen

### **quick access to the information you need most**

The Today screen appears when you turn on the phone. Press  to return to the Today screen at any time.

**Note:** Your Today screen may look different to this one.



















Tap **Start** to open the **start menu** and recently used programs. Tap the **status fields** to access your messages or view your upcoming tasks/appointments, and more. Drag the **carousel** left or right to access the weather

forecast, your favourite contacts, programs, and websites , and more.

## status indicators

Status indicators can appear at the top of the Today screen:

	New voicemail.
	New e-mail or multimedia message.
	New text message.
	Bluetooth® connected.
	Call forwarding is on.
	Network connection: <ul style="list-style-type: none"><li>▲ roaming</li><li> home GPRS</li><li> network &amp; video calling</li><li> highest speed network &amp; video calling</li></ul>
<b>1</b> or <b>2</b>	Your active line (if you have more than one). 
	Current ring style -  (Silent),  (Vibrate), none (Normal, Outdoor, or Automatic).
	Speakerphone is on.

	Battery level.
	Signal strength.

# calls

## *it's good to talk*

For the basics, see page 7. Now do some clever stuff.

## video calls


If you call someone who has a 3G video phone, you can see each other while you talk. To use video calling, you need to be on a **3G network** (look for **3G** at the top of your display).



## make a video call

- 1 Tap **Start > Phone** then enter a number and tap **Video Call**.

**Note:** Ensure that you are facing the video call lens (see page 4).

- 2 To end the call, press .

## recent calls

Your phone keeps lists of your recent calls, even if they didn't connect.


**Find it:** **Start > Phone > Call History**

To **call an entry**, highlight it and tap **Call**.

To **send a message** to an entry, scroll to it, highlight it and tap **Menu > Send Text Message**.


You can also tap **Menu** to **Video Call**, **Delete** or **Save** the entry.

## redial a number

- 1 From the Today screen, press  to see a list of recently dialed calls.
- 2 Scroll to the entry you want to call and tap **Call**.

## return a missed call

If you miss a call, your phone alerts you on the Today screen. To return a missed call:


- 1 Tap  on the Today screen.
- 2 Highlight the number and tap **Call** to call it, or tap the number to view the missed call details.

## go handsfree

Make calls without holding the phone to your ear.

### features

#### use the speakerphone

Tap **Speaker On** during a call to turn the handsfree speaker on. A  at the top of your display indicates the speaker is on. Tap **Speaker Off** to turn the handsfree speaker off.

**Note:** The handsfree speaker won't work when your phone is connected to a car kit or headset.

#### use a Bluetooth® headset

Go wireless and use a mono or stereo Bluetooth headset. See page 38 for more on Bluetooth.

**Note:** During a call, tap **Menu > Turn Hands-free On or Off** to switch between the phone and your headset.

### features

#### set auto answer

Set how quickly calls are automatically answered during handsfree operation:

**Start > Settings > Phone > Auto Answer** tab

**Note:** These settings do not apply when the ring style is set to **Silent**.

## in-call options

During a call you can tap the in-call option to:

- **Hold** or **Unhold** - hold the call.
- **Mute** or **Unmute** - silence your microphone.
- **Speaker On** or **Off** - turn speakerphone on or off.
- **Contacts** - access list of contacts.
- **Note** - make a quick note.

**Note:** You can access other in-call options, such as **Call History**, **Conference** or **Turn Handsfree On or Off**, by tapping **Menu**.

## three-way calling

While connected to a call:

- 1 Place your current call on hold by tapping **Hold**.
- 2 Enter the number of the other person and tap **Talk**.
- 3 Once connected, tap **Swap** to switch between the calls, or tap **Menu > Conference** to combine them.

If you **receive a second call** while you are already on a call:

- To answer the second call and put the first call on hold, tap **Talk**. Then, tap **Swap** to switch between the calls, or tap **Menu > Conference** to combine them.
- To send the second call to your voicemail, tap **Ignore**.

## speed dial

To use speed dial entries, tap and hold the single-digit speed dial number. If the speed dial is two digits, tap the first digit, then tap and hold the second digit. Your phone will dial the number.

To create a speed dial entry:



- 1 Tap **Start > Contacts**.
- 2 Tap the contact you want.
- 3 Tap **Menu > Add to Speed Dial**.
- 4 In **Location**, select the speed dial number to use.

**Note:** Speed dial 1 is reserved for calling your voicemail.

- 5 Tap **ok**.

To **delete** a speed dial entry, tap **Start > Phone > Speed Dial**, tap the entry, then tap **Delete**.

## more call features

features	
<b>make international calls</b>	
Tap and hold <b>0</b> to insert the international access code (shown as +). Then, tap the keypad keys to dial the country code and phone number.	
<b>forward calls</b>	
<b>Start &gt; Settings &gt; Phone &gt; Services tab &gt; Call Forwarding &gt; Get Settings</b>	
<b>silence ringtone</b>	
When your phone rings, press the side volume keys to silence your ringtone.	

## features

### restrict calls



Restrict outgoing or incoming calls:

**Start > Settings > Phone > Services tab > Call Barring > Get Settings**

Select which incoming and outgoing calls to block.

## call times and costs

These features give you a rough idea of how much call time you've used and the cost. Note that these figures may not match what your service provider charges you, as they're not measured in the same way.

## features

### view call timers




**Start > Phone > Call History > Menu > Call Timers**

### reset call timers

**Start > Phone > Call History > Menu > Call Timers > Reset**

## emergency calls

To call an emergency number, tap **Start > Phone** then enter the emergency number and press .

Your service provider programs emergency phone numbers (such as 112 or 911) that you can call under any circumstances, even when your phone is locked.

Emergency numbers vary by country. Your phone's pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.



# contacts

*met someone new? save their number.*

For the basics see page 7.

## phone contacts & SIM contacts

To create a new contact stored on your phone:

**Find it:** Start > Contacts > New > Outlook Contact

To create a new contact stored on your SIM card:

**Find it:** Start > Contacts > New > SIM Contact

## edit or delete a contact

1 Tap Start > Contacts. Scroll to the contact.

2 Tap Menu > Edit or Delete Contact.

## store more than a number

You can store more than just a number for a contact.

1 Create a new contact stored on your phone. Tap Start > Contacts > New > Outlook Contact.

2 Use the fields to enter details:

- **Name & Numbers:** Store multiple numbers, such as home, work and mobile.
- **E-mail:** Store e-mail addresses.

- **Address:** Store work and postal addresses.
- **Categories:** Select from **Business**, **Holiday**, **Personal** and **Seasonal**.
- **Picture:** Add a photo so you can see who's calling.
- **Custom ringtone:** Set a unique ringtone and message alert so you can hear who's calling.
- **Others:** Add birthday, spouse's name, and other details.

3 Tap **ok** to save the contact.

## more contacts features

features
<b>search for contact</b> Tap Start > Contacts and enter the first few letters of the contact's name. Your phone searches through the contacts list and shows the name.
<b>copy contact</b> Copy a contact to the SIM or to the phone: Start > Contacts > Menu > Copy Contact > To SIM or To Contacts.

## features

### filter categories

Filter the contacts that are displayed:

**Start > Contacts > Menu > Filter**

send contact to another device

Use a Bluetooth® connection to send a contact to another phone, computer, or device:

**Turn Bluetooth on** - tap **Start > Settings > Connections** tab > **Bluetooth > Mode** tab > **Turn on Bluetooth**.

**Send the contact** - tap **Start > Contacts**, scroll to a contact, and tap **Menu > Send Contact > Beam**.

Your phone searches for other Bluetooth devices. Select the one you want and you will be told when the transfer is complete.

For more about Bluetooth connections, see page 38.

## messages

### *sometimes it's better 2 say it in a message*

You can send and receive three types of messages using the **Messaging** feature: text messages (SMS), multimedia messages (MMS), and e-mail messages.

To set up e-mail on your phone, see page 19. If you have trouble setting up e-mail or synchronizing, go to [www.motorola.com/myMotoSurf](http://www.motorola.com/myMotoSurf).

### send a message




**Find it:** **Start > Messaging**

**1** To send a message, tap **Messages > Menu > New > Multimedia Message** or **Text Message**.

To send an email, tap *email account*.

**2** For e-mail, in **To**, **Cc**, and/or **Bcc**, enter e-mail addresses or names from your Outlook contacts (as you enter a contact name, suggestions appear in a box below the **To** field). Insert a semicolon (;) between multiple numbers or addresses.

For text messages, enter a phone number or contact name. As you enter a contact name, suggestions appear in a box below the **To** field.

**Tip:** You can quickly enter phone numbers or e-mail addresses from your contacts. In **To**, tap  and select a recipient from the list. Then select the recipient's phone number or e-mail address.

3 Use the keypad to enter a message:



**To insert** a picture, video, voice note or file in a message, tap **Menu** > **Insert**.

**To set message options**, tap **Menu** > **Message Options**.

**To cancel a message**, tap **Menu** > **Cancel Message**.

4 Tap **Send**.

## receive & read messages

When you receive a message, your phone plays an alert and shows a message indicator, such as  or .

**To read a message:** on the Today screen, tap the message notification area to open the message inbox.

**When you have a message open**, you can enter a response below the message text.

**When you have an e-mail open**, tap **Reply** to enter a reply.

To mark as unread or choose other options, tap **Menu**.

To **access your messages at any time** from the menu, tap **Start** > **Messaging** > **Messages**.

To **access your emails at any time** from the menu, tap **Start** > **Messaging** > *email account*.

**Tip:** Want to switch inboxes quickly? Flick left or right to jump from one inbox to another.

## message attachments

You can receive and save e-mail attachments.

To **download** the attachment, select the file and follow the prompts to open it.

To **transfer** attachments to your computer for editing, use Microsoft™ ActiveSync. See page 42 for more information.

## message options

With a message selected or open:

- Tap **Menu** > **Delete** to delete the message.
- Tap **Menu** > **Select Messages** > **All**, **All Below**, or **Several**, and then tap **Menu** > **Delete** to delete multiple messages in a row.
- Tap **Menu** > **Reply** > **Reply** or **Reply All** to reply to a message. Enter the message and tap **Send**.
- Tap **Menu** > **Reply** > **Forward** to forward a message. Enter the message and tap **Send**.

**Tip:** Need to check your e-mail inbox for any new e-mails? Tap **Start** > **Messaging**. Select the account to send and receive messages and tap **Menu** > **Send/Receive**. The phone connects to

your Internet e-mail server and sends and receives your messages. To stop this process, tap **Menu > Stop Send/Receive**.

## set up e-mail

### MSN or Hotmail e-mail

- 1 Tap **Start > Programs > Windows Live > Sign in to Windows Live**.

**Note:** If your network service provider does not offer **Windows Live**, use the **personal e-mail account** procedure in the next section.

- 2 Enter your e-mail address and password, then tap **Next**.
- 3 Choose the options you want, then tap **Next**.
- 4 When synchronization is complete, tap **Done**.

### personal e-mail (like Yahoo or Gmail)

- 1 Tap **Start > Messaging > Setup E-mail**.
- 2 Enter your e-mail address and password, then tap **Next**. Your phone tries to retrieve your account settings from your e-mail provider.

**If your phone finds** your account settings, it tells you. You just have to tap **Next**.

**If your phone doesn't find** your account settings, it gives you a chance to enter them. To get this information, contact your e-mail provider.

- 3 Enter your name (the messages you send will show up as "From" this name), then tap **Next**.
- 4 Choose how often you want your phone to check for new e-mail, then tap **Finish**.

**Note:** E-mail service depends on your e-mail and phone network service providers. If you have problems setting up e-mail or synchronizing, please visit [www.motorola.com/myMotoSurf](http://www.motorola.com/myMotoSurf).

### work e-mail

**Note:** To get the information requested in these steps, contact your company's system administrator.

- 1 Tap **Start > Programs > ActiveSync**, then tap **Menu > Add Server Source**.
- 2 Enter your e-mail address and check **Attempt to detect Exchange Server Settings automatically**, then tap **Next**.
- 3 Enter your **User Name**, **Password**, and the server's **Domain**, then tap **Next**.

**If your phone finds** your server settings, it tells you. You just have to tap **Next**.

**If your phone doesn't find** your server settings, or if you skip the automatic detection, you can enter the settings provided by your company's system administrator, enter the Exchange **Server Address** (if

necessary, check **This server requires an encrypted (SSL) connection**, then tap **Next**.

- 4 Choose if you want to synchronize **Contacts**, **Calendar**, **Email**, and **Tasks**, then tap **Finish**.
- 5 Tap **Sync** to synchronize with the Exchange server.

## messaging quick reference

**Note:** Some features might not work if you set up your e-mail account manually (without the e-mail setup wizard).



### features

#### send text message

Start > Messaging > Messages > Menu > New > Text Message



### features

#### create and send e-mail

Start > Messaging > *e-mail account* > Menu > New



**Note:** You need to set up your e-mail accounts before you can send an e-mail (see page 19).

To add a picture, voice note, or file to an e-mail message, open the message area and tap **Menu > Insert > Picture, Voice Note, or File**.

**Tip:** You can save a draft of a message that you are composing to finish and send later. Tap **Menu > Save to Drafts**. A draft of the message is stored in the Drafts folder of the account you are in.

#### use predefined text messages

Start > Settings > Phone > Predefined Text Message Settings

Use the most popular text message responses—perfect when you're in a hurry.

## features

### create and add an e-mail signature

Start > Messaging > *e-mail account* > Menu > Tools > Options > Signatures

Scroll to the account for which you are creating the signature. Select **Use signature with this account**. Scroll to the **Signature** box, enter your signature, and tap **ok**.

**Tip:** To insert a signature in every message you send, select **Include when replying and forwarding**. Otherwise, a signature is inserted only in new messages.

### read messages

To quickly view new messages, select the message notification area on the Today screen.



### view attachment

While viewing the message, tap the attachment to select it.



**Note:** You can view attachments only for file types that are supported by your phone.

### read old e-mails

Start > Messaging > *e-mail account*.



## features

### reply, reply all or forward e-mails

From your inbox or an open message, tap **Menu** > **Reply** > **Reply**, **Reply All**, or **Forward**



**Tip:** If you are replying to an e-mail, you will send less data if you do not edit the original message. This may reduce data transfer costs based on your rate plan.

### download message objects

If an e-mail message includes an attachment, when you open the message, the name of the attachment is highlighted. To download the attachment, select the highlighted attachment name. The attachment is downloaded the next time you synchronize or connect to your e-mail server.



**Note:** If there are multiple attachments in the message, only the selected attachments are downloaded.

### download complete e-mail messages

Start > Messaging > *e-mail account*. Select the message and tap **Menu** > **Download Message**.



The complete message is retrieved the next time you synchronize or connect to your e-mail server and send and receive e-mail.

## features

### mark a folder for synchronization



When you synchronize your e-mail account with your PC, the same Inbox folders that are in Outlook on your PC are created on your phone.

**Start** > **Messaging** > *e-mail account* > **Menu** > **Tools** > **Manage Folders**.

Highlight the folder/s you want to synchronize and tap **ok**. The marked folders will be synchronized during the next sync session.

**Note:** Only e-mail folders stored on the server are available for sync.


### view status of sent e-mail

**Start** > **Messaging** > *e-mail account* > **Menu** > **Go To** > **Folders** > **Outbox**

Messages in the **Outbox** have not been sent. To send a message, scroll to it and tap **Menu** > **Send/Receive**.

### receive e-mail



If your phone is set up to automatically check for new e-mails, your phone will show  when a new e-mail arrives.

## features

### delete e-mail

From the Inbox or an open e-mail message, tap **Menu** > **Delete**.


### manually send and receive e-mail



**Start** > **Messaging** > *e-mail account* > **Menu** > **Send/Receive**

### call a phone number in e-mail



Highlight a phone number in a message and press .

### move e-mail to personal folder

After you read the e-mail, tap **Menu** > **Move** > *folder*.

### delete a mail account

**Start** > **Messaging** > *e-mail account* > **Menu** > **Delete**.

**Note:** You cannot delete your **Text Messages**, **MMS**, or **Exchange server e-mail** accounts.

### empty deleted items folder

**Start** > **Messaging** > *e-mail account* > **Menu** > **Go To** > **Folders**, scroll to **Deleted Items**, then tap **Menu** > **Delete All**.

## instant messaging

**Find it:** Start > Programs > Messenger

Connect to your Windows Live™ instant messaging community with ease.

Once you are logged in, a list of your buddies is displayed showing their online status.

To **add contacts** to your list, tap **Menu** > **Search for buddy**. Tap **Add** to add a contact to your list.

To **start a conversation**, scroll to an online contact and tap **Menu** > **Chat**.


To **end a conversation**, tap **Menu** > **End chat**.

To **log out** from your instant messaging session, tap **Menu** > **Logout**.



## text entry

### *how fast can u text?*

Multiple text entry methods make it easy for you to enter names, numbers, and messages. Text entry options are available when the keyboard icon shows at the bottom of the screen. Tap  to change to another method:

entry modes	
<b>Block Recognizer</b>	Write letters, numbers, and punctuation in one of the two writing blocks - letters and punctuation on the left ( <b>ABC</b> , <b>Abc</b> or <b>abc</b> ) and numbers on the right ( <b>123</b> ).
<b>Keyboard</b>	Tap the letters and numbers on the keyboard to enter them in the text entry window.
<b>Letter Recognizer</b>	Write letters, numbers, and punctuation in one of the three writing blocks - capitals letters and punctuation on the left ( <b>ABC</b> ), no capitals in the middle ( <b>abc</b> ) and numbers on the right ( <b>123</b> ).



entry modes	
Transcriber	Recognizes handwriting in cursive, print and mixed styles, as well as numbers and symbols. Simply write legibly anywhere on the screen.
XT9	Shows larger key sizes. Tap the letters and numbers on the keyboard, or phonepad, to enter them in the window.

Write a text character, then wait for your phone to recognize and place it in the text entry window.

To **delete** characters, tap . To start a **new line**, tap .

To **enter a space**, tap the space bar.

**Tip:** Tap a location in the text entry window to move the cursor to that location.

### text prediction

As you enter letters, your phone might try to **predict** the word. For instance, it might predict “program” when you enter “prog”.

To accept the prediction, tap the predicted word. To turn off text prediction, tap **Start** > **Settings** > **Input** > *input method* > **Word Completion** tab, then uncheck **Suggest words when entering text**.

### adjust text input settings


**Find it:** **Start** > **Settings** > **Input** > *input method*

You can set your preferred input method, specify your writing direction and the word recognition delay, activate shorthand options, activate a user dictionary, and adjust your pen width and color for the text you enter.

### voicemail

When you receive a voicemail message, your phone shows an indicator and **New Voicemail**. Follow the prompts to access the voicemail message.







To listen to your voicemail at any time, tap and hold .

## tips & tricks

### *a few ways to make your phone even easier to use*

From the Today screen, use these shortcuts:

To...	Do this...
<b>lock/unlock phone</b>	From the Today screen, tap <b>Lock</b> or <b>Unlock</b> .
<b>use most recently used feature</b>	Icons for your most recently used features appear when you tap <b>Start</b> . Use the navigation keys to select one.
<b>open recent calls</b>	Press  . To return a call, scroll to the call, then tap  .
put phone in standby mode	Press  .
<b>make note of tasks</b>	Jot down all those important tasks: <b>Start</b> > <b>Programs</b> > <b>Tasks</b> . The task will show on the Today screen until you complete it.
<b>view full screen</b>	View a picture, or play a video, in full screen mode. Tap <b>Menu</b> > <b>Full Screen</b> .

To...	Do this...
<b>use your phone as a torch</b>	Turn on your phone's flashlight and find your way in the dark. Tap <b>Start</b> > <b>Programs</b> > <b>FlashLight</b> .
<b>access voicemail</b>	Tap <b>Start</b> > <b>Phone</b> , then tap and hold  .
<b>play music or games on an airplane</b>	To keep using your games and music on a flight, turn off your network and Bluetooth® services. Tap <b>Start</b> > <b>Settings</b> > <b>Connections</b> tab > <b>Wireless Manager</b> > <b>All</b> .

# personalize

*go on, add your personal touch*

## Today screen

**Find it:** Start > Settings > Today

To change the theme and background picture that is used on the Today screen, tap the **Appearance** tab.

To change the list of items shown on the Today screen, tap the **Items** tab.

## profiles & sounds

For incoming calls and other events, use **Profiles** to set ring styles and volume settings. Use **Sounds** to change the sounds played (such as ringtones).

**To select a profile:**

**Find it:** Start > Settings > System tab > Profiles

You can select and edit **Normal**, **Meeting**, **Outdoors** and **Personal** profiles.

**To select sound & notification settings:**

**Find it:** Start > Settings > Phone

## time & date

**Find it:** Start > Settings > System tab > Clock & Alarms

You can specify the date and time style by changing the regional settings. Tap **Start > Settings > System tab > Regional Settings**.

## screen settings

**Find it:** Start > Settings > System tab > Screen

Change the orientation of the screen, align the screen or toggle the screen text size.

## task manager

See what programs are active on your phone.

**Find it:** Start > Settings > System tab > Task Manager

**To stop a program running**, select a program and tap **End Task**.

**To stop all programs**, tap **Menu > End All Tasks**.

## more personalize features

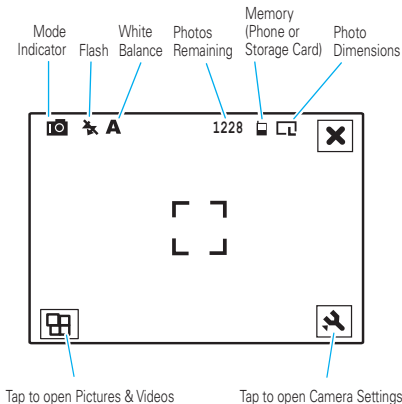
features
<b>set backlight timeout</b> Set the backlight timeout to save battery life: <b>Start &gt; Settings &gt; System tab &gt; Backlight &gt; Battery Power tab</b>
<b>set battery timeout</b> Set the battery timeout to save battery life: <b>Start &gt; Settings &gt; System tab &gt; Power &gt; Advanced tab</b>

## photos

*see it, capture it, send it!*

### take a photo





Tap **Start > Programs > Camera**, or press the camera key (see page 4) to see the camera viewfinder.




**To focus** the picture, hold the camera key **halfway in** until the autofocus box turns green.

**To take** the picture, press the camera key **all the way in**.

After you've taken a photo, it shows on the screen.

Tap  to return to the camera viewfinder. Tap  to delete the photo. Tap  to edit the photo in **Pictures & Videos**. Tap  to share the photo with friends.

## photo options

In the camera viewfinder, tap  to open the camera menu. Use the menu bar to change **Capture Settings, Capture Mode, Brightness, Flash, White Balance, Effect** and **Resolution**.

Select **Capture Mode** to use the following features:

options	
<b>Timer</b>	Open photo mode, and set a 10-second timer.
<b>Burst</b>	Take multiple photos with a single key tap.
<b>Frame</b>	Select a frame for your photo.
<b>Video</b>	Switch to video mode.
<b>MMS Video</b>	Switch to video mode and make a video to send in a multimedia message.

## manage your photos

**Find it:** Start > Programs > Pictures & Videos

Tap the photo thumbnail to open it. Tap **Send** to send the photo in a multimedia message. Tap **Menu** to save, zoom, set as your Today screen background, send (beam) using Bluetooth®, edit and more.

**Tip:** To view pictures located in a folder other than the default pictures folder, including a storage card, tap **Start > Pictures & Videos**, then tap **Menu > Go To > Folders**, and select the folder that contains stored pictures.

## edit your photos

**Find it:** Start > Programs > Pictures & Videos

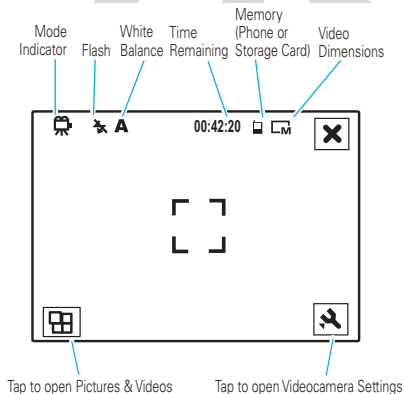
- 1 Tap the photo thumbnail to open it.
- 2 Tap **Menu > Edit**.
- 3 From the edit screen, tap **Rotate** to rotate, or tap **Menu** to crop or auto correct.
- 4 Tap **Menu > Save As** to save your edited photo.




# videos


*for those moments when you really had to be there*

## record a video


Tap **Start** > **Programs** > **Camera** >  > **Video** > **OK** to see the videocamera viewfinder. Press , or the camera key, to start and stop recording.



Once you've taken your video, tap  to watch it on the screen. Tap  to delete the video. Tap  to return to the

videocamera viewfinder. Tap  to share the video with friends.

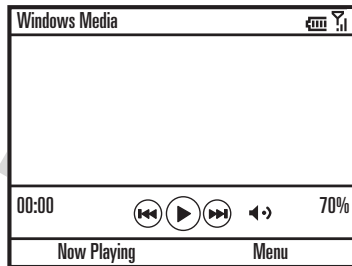
## video options

In the camera viewfinder, tap  to open the videocamera menu. Use the menu bar to change **Capture Settings**, **Capture Mode**, **Brightness**, **Resolution** and more.

## play a video

**Find it:** **Start** > **Programs** > **Pictures & Videos** > **My Pictures** > **My Documents** > **My Videos**

The video plays using **Windows Media Player**.



**Tip:** To play a video in full screen mode, tap **Menu** > **Full Screen**. Videos recorded in low resolution may not play in full screen mode.

If you receive a call while watching a video, the video pauses and a call alert appears. You can choose to answer the call or ignore it. To continue watching the video, tap **Play**.

## manage your videos

**Find it:** **Start** > **Programs** > **Pictures & Videos** > **My Pictures** > **My Documents** > **My Videos**

Tap **Play** to view a highlighted video. Tap **Menu** to send, edit, delete and more.

**Tip:** To view videos located in a folder other than the default videos folder (including a storage card) tap **Start** > **Programs** > **Pictures & Videos**, then tap **Menu** > **Go To** > **Folders** and select the folder that contains stored videos.

## set up music

*what you need to start...*

### what music transfer tools do I need?

To put music on your computer and then load it on your phone, you need:

- A Microsoft™ Windows™ PC
- A USB data cable (may be sold separately)

### do I need a storage card?

Your phone does have at least 30 MB of internal memory, but it also supports removable microSD storage cards with up to 32 GB capacity, allowing you to store much more.

**Tip:** To see the available memory on your phone and storage card, tap **Start** > **Settings** > **System** tab > **Memory**.

### what music file formats can I play?

Your phone can play many types of files: MP3, MIDI, AAC, WAV, WMA, WAX and WMV.

### what headphones can I use?

Your phone has a 3.5mm headset jack for wired stereo listening. Or, go wireless and use optional Bluetooth stereo headphones to listen to your music.

# get music

## *rip and transfer...*

### rip a CD

Not literally. If you're new to music, this means transferring music from a music CD to your PC.

To rip a music CD on your PC, you can use Windows™ Media Player version 10 or later. You can download Windows Media Player from [www.microsoft.com](http://www.microsoft.com).

- 1 On your computer, launch Windows Media Player.
- 2 Insert a music CD into your computer's CD ROM drive.

**Note:** Make sure you change the format to MP3, MIDI, AAC, WAV, WMA, WAX or WMV in Rip Settings. (MP3 is the recommended format for best performance.)

- 3 In the Windows Media Player window, click on the "Rip" tab.
- 4 Highlight the tracks you want to import and click "Rip Music."

The songs are imported to the Windows Media Player Library. Next, transfer the songs from your computer to your phone.

# transfer music

Transfer music files from a computer to your phone or storage card.

- 1 With a storage card inserted, and your phone in the Today screen, insert the USB cable in your phone and your Windows PC.

**Note:** Your phone supports Microsoft™ Windows™ XP and Windows Vista™. Other operating systems may not be compatible.

- 2 Now that you've connected, use **Windows Media Player** or **USB drag and drop** to copy your music.

### Windows Media Player

- 1 On your Windows PC, open Microsoft Windows Media Player 10 or later.
- 2 On the "Sync" tab, select "More Options". Under Device, select your phone.
- 3 Select "Properties", check the "Create folder hierarchy on device" box, and click "OK".
- 4 Drag your music files over to the "Sync List" and press "Start Sync".



## USB drag & drop

- 1 Use the “My Computer” window to find “Removable Device.”
- 2 Drag and drop your music to your phone folder. To help manage your music, you can create more folders in your phone folder.
- 3 When you’re done, use the “Safely Remove Hardware” feature to finish.

## play music & media









### *all your entertainment in one place*

You can play audio and video files that are on your phone or on the Web.

Your phone has Windows™ Media Player Mobile for Smartphone version 10.2 or later, which can play these types of files: Windows Media Audio (WMA), Windows Media Video (WMV), MP3, AAC, and WAV.

**Find it:** Start > Windows Media

### media player controls

<b>controls</b>	
<b>play/pause</b>	Tap  or  .
<b>previous/next</b>	Tap  or  .
<b>volume</b>	Press the side volume keys, or tap  or  .
	<b>Tip:</b> To turn the sound off quickly, tap  . Tap  to turn the sound back on.

## controls

**fast forward/  
rewind** Tap  or .

### To play audio or video files:

- 1 From the media player, tap **Menu** > **Library**.
- 2 Select **My Music**, **My Videos**, **My TV**, **My Playlists**, or **Now Playing**.

**Tip:** Do you want to play a song or video on the Internet or network? From the **Library** view, tap **Menu** > **Open URL**.

### wake up media player

While the media player is active, your phone conserves power by turning off the display and keypad backlights.

To turn the display and backlights back on, tap the display.

### turn off media player

**Find it:** **Menu** > **Stop**

### media player tips

If you receive a call while using the media player, the media player pauses. To ignore the call, tap **Ignore**, or tap **Answer** to answer it. The media player resumes when you end the call.

To hide your media player while a song is playing, close the media player window. If the media player is hidden, you can use other phone features.

To view the details, tap **Menu** > **Properties**.

### streaming player

**Find it:** **Start** > **Programs** > **Streaming Player**

Use the streaming player to play internet videos. Simply tap **Open**, enter the URL and tap **Connect**.

## navigation

*make sure you're on the right track*

**Find it:** Start > Settings > System tab > External GPS

External GPS is a mobile personal navigation system on your phone. It needs to be connected to an external GPS application, such as Google Maps or Destinator, to help you plan your route and provide interactive guidance to your destination.



- To select the port that programs will use to obtain GPS data, tap the **Programs** tab.
- To specify the hardware port that your GPS device is connected to, tap the **Hardware** tab.
- To allow multiple programs to obtain GPS data simultaneously, tap the **Access** tab then check the **Manage GPS automatically (recommended)** box.

## GPSXtra

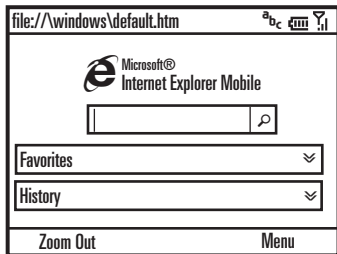
**Find it:** Start > Programs > GPSXtra

To download GPS data that will enhance your GPS performance, tap **Download Now**.


## web browser

*you don't need a PC, surf the web with your phone*

**Find it:** Start > Programs > Internet Explorer



**Note:** Not all Web file formats are supported.

- To go to a Web page, enter the address and tap .
- To go to a link in a Web page, tap the link.
- To change connection options, tap **Start > Settings > Connections tab > Wireless Manager > Menu > Wi-Fi Settings**.
- To add a Favorite, open the Web page and tap **Menu > Add to Favorites**.

**Note:** If you're not set up for internet access, contact your service provider for settings.

## third-party applications

Third-party applications, or add-on programs, can include e-mail, security, mobile office, and productivity software. These products can typically be downloaded and installed immediately. Compatible commercial and free applications are available on the Internet.

**Warning:** Downloading and installing numerous third-party applications can negatively affect memory usage and the performance of the phone. Proceed with moderation.

**Note:** Applications written for previously released devices or older versions of Windows Mobile may not function reliably on this phone. Contact the application provider to check compatibility before installing the application on this phone.

**Tip:** To maximize the performance of your phone, install the third-party applications on your storage card (see page 9).

## Internet Sharing

You can use your phone to dial in to a network. To do this, you need a Bluetooth wireless or USB cable connection.

**Find it:** Start > Programs > Internet Sharing

On your computer, you must have ActiveSync 4.5 or later or Windows Mobile Device Center on Windows Vista™, and have enabled a Personal Area Network (PAN) server.

**Note:** When you activate Internet Sharing, your phone's e-mail, Web browsing, Microsoft™ ActiveSync or Windows™ Mobile Device Center, and text messaging services are suspended until you deactivate Internet Sharing.

### Internet Sharing with Bluetooth wireless

To use Bluetooth wireless to link to a network:

**Note:** You must have a computer that has Bluetooth capabilities for Internet Sharing to work with Bluetooth wireless.

- 1 On your phone,** tap Start > Settings > Connections tab > Wireless Manager > Bluetooth On.
- 2 On your computer,** launch the Bluetooth devices applet from the task bar.
- 3** On your computer, right-click the Bluetooth icon in the Windows task bar and select "Quick Connect" > "Dial-up Networking" > "Find Devices". The computer

finds your phone and shows the dial up networking window.

**Note:** Not all computers have the same procedure to locate the Bluetooth window. Please refer to your computer's help system for more information.

- 4 **On your phone**, tap **Start > Programs > Internet Sharing**.
- 5 Set **PC Connection** to **Bluetooth PAN** and set **Network Connection** to **Personal Network**.
- 6 Tap **Connect**. The **Status** changes to **Connected**.
- 7 Tap **Menu > Bluetooth Settings**. When you see the name of your computer in the list of personal networks, select it and tap **Add** to make a connection.

### Internet Sharing with a cable

**Note: Do not connect** your data cable to your phone and computer until the following steps tell you to do so.

#### **On your phone:**

Enable Internet Sharing on your phone and install phone drivers:

- 1 On your phone, tap **Start > Settings > Connections** tab > **Connections** to set up the proxy information as specified by your service provider. These settings are the same as for connecting to the Internet.

- 2 Using the USB data cable, connect the phone to your computer.

The driver is installed on your computer and ready for setting up a network connection.

- 3 **On your phone**, tap **Start > Programs > Internet Sharing**.
- 4 Set **PC Connection** to **USB** and tap **Connect**. The **Status** changes to **Connected**.

#### **On your computer:**

After you set up your computer and phone, you can make a new network connection on your computer:

**Note:** This procedure might not work on all computers. Please refer to your computer's help system for more information.

- 5 Right-click on "My Computer" and select "Properties" > "Hardware" tab.
- 6 Press the "Device Manager" button and expand the "Modems" list.
- 7 Right-click "Smartphone Wireless USB Modem" and select "Properties".
- 8 Select the "Advanced" tab, and enter extra initialization commands required by your service provider. For details, contact your service provider.

- 9 Open the “Network Connections” window. On some computers, you select “Start” > “Control Panel” > “Network and Internet Connections” > “Network Connections”. Your computer might be a little different.
- 10 In the “Network Connections” window, select “Create a new connection” under “Network Tasks.”
- 11 Follow the prompts to connect to the Internet using a modem:
  - Network Connection Type: **Connect to the Internet**
  - Getting Ready: **Set up My Connection Manually**
  - Internet Connection: **Connect using a dial-up modem**
  - Connection Name: Enter a unique identifier for ISP name.
  - Number to Dial: **\*99#**
  - Connection Availability: **Anyone's Use**
  - User Name: available from your service provider.
  - Password: available from your service provider.
  - If you do not plan to use your phone as the default Internet connection, **do not** check **Make this the default Internet connection**.

- If a firewall is not enabled, **do not** check **Turn on Internet connection firewall for this connection**.

**Note:** You might need to deactivate your computer proxy server settings to let Internet Sharing access the Internet. To do this, tap **Start > Settings > Connections tab > Connections > Set Up My Proxy Server**, then deselect **This network uses a proxy server to connect to the Internet**.

## disconnect Internet Sharing

### On your computer:

- 1 Go to task bar and right-click on the Network Connection icon.
- 2 Select “Disconnect”.

**Note:** You may need to reactivate your computer’s proxy settings. Check with your Internet provider.

# Google

## *just Google it*

**Find it:** Start > Programs > Google

Use the Google feature to do an online search, quickly access your Gmail account, or upload your videos to YouTube.

- To do an online Google search, tap **Search**. Enter your search and tap 'Search'.
- To access your Gmail account, tap **Gmail**. Enter your login details and tap 'Sign in'.

**Tip:** Tap 'Remember me' to skip the login process the next time you access your Gmail account.

- To access YouTube, tap **YouTube**. Tap 'Sign in' to login.



# Bluetooth® wireless

## *lose the wires and go wireless*

Your phone supports Bluetooth wireless connections. You can connect your phone with a Bluetooth audio device, such as a handsfree headset or music system. You can also connect your phone with a phone or computer that supports Bluetooth connections to share files.

**Note:** Using a mobile phone while driving may cause distraction. End a call if you can't concentrate on driving. Also, using a mobile or accessory may be prohibited or restricted in certain places. Always obey the laws and regulations on the use of these products.

**For maximum Bluetooth security**, you should always connect Bluetooth devices in a safe, private environment.

## turn Bluetooth power on or off

If Bluetooth **Power** is **On**, your phone can automatically pair with the Bluetooth device you have used before. Just turn on the Bluetooth device or move it near your phone.

**Find it:** Start > Settings > Connections tab > Wireless Manager > Bluetooth On or Off.

The Bluetooth indicator  appears in the Today screen.

**Note:** To extend battery life, set Bluetooth **Power** to **Off** when not in use. Your phone will not pair with devices until you set Bluetooth **Power** back to **On** and pair your phone with the Bluetooth device again.

## pair with a headset or handsfree device

**Before you try to pair your phone with a headset or handsfree device**, make sure your phone's Bluetooth power is **on** and the Bluetooth device is **on** and **ready** in *pairing* or *bonding* mode (see the user's guide for the device). You can pair your phone with multiple other devices, but only use it with one headset at a time.

Your phone lists the Bluetooth devices it finds within range.

**Note:** Your phone's Bluetooth features and Bluetooth Class 1 power levels are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use the Bluetooth features in France unless you are indoors.

- 1 Tap **Start** > **Settings** > **Connections** tab > **Bluetooth** > **Devices** tab > **Add New Device**.
- 2 Select the Bluetooth device from the list and tap **Next**.
- 3 If prompted, enter the Bluetooth device passkey (such as 0000 or 1234), and tap the **Accept** key.

When the Bluetooth devices are paired, an icon appears at the top of the Today screen, in the Bluetooth Task Tray.

## send (beam) objects to another device

You can use Bluetooth pairing to beam e-mail, contacts, tasks, calendar events, audio, ringtones, pictures, video, and voice notes from your phone to a computer or other Bluetooth device.



Simply select the object then tap **Menu** > **Beam** > *device name* > **ok**.

**Note:** Ensure that the destination device is paired (see page 39) and that its Bluetooth power is on.

## advanced Bluetooth features

### features

#### make phone visible to other Bluetooth device

Allow a Bluetooth device to discover your phone:

**Start** > **Settings** > **Connections** tab > **Bluetooth** > **Mode** tab > **Make this device visible to other devices**



#### connect to recognized device

**Start** > **Settings** > **Connections** tab > **Bluetooth** > **Devices** tab > *device name*





## features

### drop pairing with device

Start > Settings > Connections tab > Bluetooth > Devices tab  
then tap and hold *device name* > Delete

### receive all incoming beams

Start > Settings > Connections tab > Beam > Receive all  
incoming beams

### edit device properties / change device name

Start > Settings > Connections tab > Bluetooth > Devices tab  
then tap and hold *device name* > Edit

## cable connections

### *your computer wants a friend*

Your phone has a micro USB port (see page 4) so you can connect it to a computer to transfer data.

You can use data cables and supporting software on your computer to:


- Transfer files between your phone's storage card and the computer (see page 40).
- Synchronize phonebook and agenda information between your phone and a computer or hand-held device (see page 42).

After you connect a cable, tell your phone the type of USB connection by tapping **Start > Settings > Connections tab > USB to PC**.

**Note:** Motorola Original USB data cables and supporting software may be sold separately. Check your computer or hand-held device to determine the type of cable you need.



### connect your storage card to a PC

**Note:** Storage cards are optional. To insert a storage card, see page 6. 

You can use a cable connection to access your phone's storage card with a computer. When your phone is connected to a computer, you can only access the storage card through the computer.

**Note:** When your phone is plugged into a computer and is being used for mass storage, it cannot be used for anything else, including making emergency calls. To restore the phone to normal use, disconnect it from the PC.

**Note:** The unauthorized copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorized or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

#### on your phone:

- 1 Connect the cable** to your phone and to an available USB port on your computer.
- Tap **Start > Settings > Connections tab > USB to PC > USB Mass Storage Mode**  
This directs the USB connection to your storage card.

#### on your computer:

- Open your "My Computer" window, where your phone's storage card appears as a "Removable Disk" icon.
  - Click on the "Removable Disk" icon to access the files on your phone's storage card.
  - Drag and drop files into these folders on the storage card (you might need to create folders on your storage card):
    - music:** media files \ audio \ music
    - ringtones:** media files \ audio \ ringtones
    - pictures:** media files \ image
    - videos:** media files \ video
- Note:** Do not use capital letters in folder names. You can also use the Multimedia Services plug-ins supplied on the CD to work with Windows™ Media Player to transfer files.
- When you finish, disconnect your phone by selecting the "Safely Remove Hardware" icon in the system tray at the bottom of your computer screen. Then disconnect the "USB Mass Storage Device."
  - Disconnect the cable from your phone and computer.

# synchronize

## *connect and synchronize*

You can synchronize the information on your phone in two ways, either directly with a computer or over the air (OTA).

## sync with a computer

You can use Microsoft™ **ActiveSync version 4.5 or later**, or Windows™ **Mobile Device Center** to synchronize information between your phone and computer.

### install ActiveSync

To synchronize information on your phone with a PC, you need to use Windows Mobile Device Center (on a PC running Windows Vista) or install Microsoft ActiveSync (on a PC running Windows XP™ or earlier).

**Note:** Synchronization software is included on the *Getting Started* CD packed with your phone. Before installing the software, verify that your computer and operating system meet the **minimum requirements** stated on the CD-ROM or Microsoft Windows™ Mobile Web site ([www.microsoft.com/windowsmobile](http://www.microsoft.com/windowsmobile)). This Web site also lets you download the **latest software** for ActiveSync.

- 1 Install Microsoft ActiveSync (for Windows XP or earlier) or Windows Mobile Device Center (for Windows Vista) on your PC.
- 2 After setup completes, connect your phone to the PC. The device drivers install on your computer and then the Sync Setup Wizard automatically starts.
- 3 Follow the instructions on the screen to complete the wizard.

The wizard prompts you for the Exchange Server's name, your user name, your password, and the domain name. If you don't have this information, contact the server's system administrator.

When you finish the wizard, ActiveSync starts to synchronize automatically with your phone.

**Note:** When synchronization completes, you can disconnect your phone from your PC, and you may need to restart your PC.

### sync with a cable connection

Once Microsoft ActiveSync or Windows Mobile Device Center is installed on your PC, you can connect it to your phone and sync.

- 1 Turn on your phone.

- 2 Connect your phone to your PC using a USB cable.



**Note:** For more detailed information, see “Connecting a mobile device to a PC” in ActiveSync Help on your PC, the Microsoft Web Site for ActiveSync or the Motorola support Web site at [www.motorola.com/consumer/support](http://www.motorola.com/consumer/support).

### sync with a Bluetooth® connection

Once Microsoft ActiveSync or Windows Mobile Device Center is installed on your PC, you can connect it to your phone and sync with a Bluetooth connection.

**Note:** In order to use this feature, your PC needs Bluetooth wireless or a Bluetooth PC adaptor accessory.

- 1 Follow the instructions in ActiveSync Help for configuring Bluetooth connections on your PC to support ActiveSync.
- 2 Turn on the device.
- 3 On your phone, verify that Bluetooth wireless is turned on (tap **Start** > **Settings** > **Connections** tab > **Wireless Manager** > **Bluetooth On**).
- 4 Tap **Start** > **Settings** > **Connections** tab > **USB to PC**.
- 5 Check **ActiveSync Mode**, then tap **ok**.

- 6 Tap **Menu** > **Connect via Bluetooth**. Ensure that your phone and PC are within close range. If this is the first time you have connected to this PC using Bluetooth wireless, you need to complete the Bluetooth wizard on your phone and set up a Bluetooth partnership with the PC before synchronizing.

- 7 Tap **Sync**.

- 8 When finished, tap **Menu** > **Disconnect Bluetooth**. To conserve battery power on your phone, turn off Bluetooth power (see page 38).

### sync over the air

To sync your phone over the air (OTA) you need to sync it directly with your company's Microsoft® Information Server or Microsoft® Exchange Server (running the appropriate version software). For more information about this set-up, see the Motorola support Web site at:

[www.motorola.com/myMotoSurf](http://www.motorola.com/myMotoSurf)

**Microsoft™ Windows™ Mobile and ActiveSync Support:**[www.microsoft.com/windowsmobile](http://www.microsoft.com/windowsmobile).

You can also contact your system administrator to set up this synchronization.

# Wi-Fi

## *home, office, or hotspot*

Connect your phone with Wi-Fi to exchange files, connect with a printer, or to the Internet.

**Note:** Wi-Fi features are not allowed for outdoor operation in France. To avoid unlawful interference with radio signals, do not use Wi-Fi features in France unless you are indoors.

## turn Wi-Fi on

To turn on your phone's Wi-Fi feature, tap **Start > Settings > Connections tab > Wireless Manager > Wi-Fi On**.

**Note:** To extend battery life set **Wi-Fi Power** to **Off** when not in use.

## Wi-Fi search & connect

**Find it:** **Start > Settings > Connections tab > Wireless Manager > Wi-Fi > Menu > Wi-Fi Settings**

**Note:** Make sure the Wi-Fi network is secure.

- 1 Scroll to a network in the list and tap **Connect**.
- 2 Enter the connection settings and tap **Finish**.

**Note:** Your phone will automatically connect to the network using GPRS after losing a Wi-Fi connection.

# tools

## *stay on top of things with these handy features*

## add calendar event

**Find it:** **Start > Calendar > Menu > New Appointment**

**Note:** To schedule an all-day event, select **Yes** under **All Day**.

## set alarm

You can set three alarms on your phone:

**Find it:** **Start > Settings > System tab > Clock & Alarms > Alarms tab**

## calculator

**Find it:** **Start > Programs > Calculator**

## documents to go

**Find it:** **Start > Programs > Documents To Go**

View, edit or create documents, spreadsheets or slideshows on your phone.

## tasks

**Find it:** **Start > Programs > Tasks**

# security

## *help keep your phone safe*

### lock & unlock phone

**To prevent accidental use of your phone**, use the lock/unlock feature. Your current status is shown by the lock indicator at the bottom of the Today screen (see page 10) . Tap the indicator to toggle.

**To keep others from using your phone**, you can set a password and lock your phone:

- 1 From the Today screen, tap **Start > Settings > Lock**.

**Tip:** If you want your phone to lock automatically when you're not using it, check the **Prompt if device unused for** checkbox, and choose the lock delay.

- 2 Choose a password that is either simple (4-digit number) or strong alphanumeric (a hard-to-guess password with at least 7 characters, including uppercase and lowercase letters, numerals, and punctuation).

**Tip: Choose a PIN you will remember.** Without your PIN, you can reset your phone, but you will lose your personalized settings and all content stored in device memory.

- 3 Enter and confirm your PIN.

**Tip:** To enter a password hint, tap **Hint** tab.

- 4 Tap **ok**.

**Note:** A locked phone still rings or vibrates for incoming calls or messages, **and you do not need to unlock it to answer**.

### master clear

**Caution:** Master clear erases all information you have entered (including contacts and calendar events) and content you have downloaded (including photos and sounds) stored in your phone's memory. It is recommended that you synchronize this content with your computer (see page 42) before attempting a master clear.

**Find it:** **Start > Programs > Master Clear**

# management

## *stay in control*

### file explorer

**Find it:** Start > Programs > File Explorer

You can use File Explorer to sort, view, copy, and move files, such as text, pictures, music, and video files, on your phone or storage card.

### wireless manager

**Find it:** Start > Settings > Connections tab > Wireless Manager

View and edit your **Wi-Fi**, **Bluetooth** or **Phone** settings.

### removing programs

To completely remove a program from your phone, from the Today screen, tap **Start > Settings > System tab > Remove Programs**. Select the program and tap **Remove**.

### Windows update

**Find it:** Start > Settings > System tab > Windows Update

Run the Windows update wizard to keep your phone protected and up-to-date.

# network

## features

### network settings

**Start > Settings > Connections tab > Connections**

Select a policy to open a connection, or enter a new policy definition.

To close the secure connection, tap **Logoff**.



### network wizard

**Start > Settings > Connections tab > Network Wizard**

Use the network wizard to enter all your network settings.

# Specific Absorption Rate Data

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## This model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.<sup>1</sup> Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR

level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.799 W/kg, and when worn on the body, as described in this user guide, is 1.02 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).<sup>2</sup>

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.



### battery use & safety

**IMPORTANT: HANDLE AND STORE BATTERIES PROPERLY TO AVOID INJURY OR DAMAGE.** Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

#### DON'Ts

- **Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.**
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your carrier or contact Motorola, even if they appear to be working properly.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.

#### DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.
- **Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.**

**IMPORTANT: USE MOTOROLA ORIGINAL PRODUCTS FOR QUALITY ASSURANCE AND SAFEGUARDS.** To aid consumers in identifying authentic

Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

**Motorola recommends you always use Motorola-branded batteries and chargers.** Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a "Motorola Original" hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola Authorized Service Center.

**Important:** Motorola's warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

**Warning:** Use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

#### PROPER AND SAFE BATTERY DISPOSAL AND RECYCLING

Proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- [www.motorola.com/recycling](http://www.motorola.com/recycling)
- [www.rbrc.org/call2recycle/](http://www.rbrc.org/call2recycle/) (in English only)



**Disposal:** Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.

**Warning:** Never dispose of batteries in a fire because they may explode.

### battery charging

Notes for charging your phone's battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

## service & repairs

If you have questions or need assistance, we're here to help.

Go to [www.motorola.com/support](http://www.motorola.com/support), where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-331-6456 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>) or Motorola, Inc. (<http://www.motorola.com/rfhealth>).

1. The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

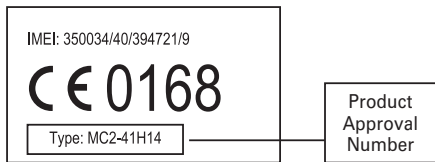


## European Union Directives Conformance Statement

orn operation.

Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at [www.motorola.com/rtte](http://www.motorola.com/rtte). To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site.

## Safety and General Information

**This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.**

### Exposure to Radio Frequency (RF) Energy

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

Your Motorola mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

## Operational Precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

### Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola—or if you hang your mobile device from a lanyard around your neck—keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: [www.motorola.com](http://www.motorola.com).

### RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

### Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so. In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

### Implantable Medical Devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

## Driving Precautions

The use of wireless phones while driving may cause distraction. Discontinue a call if you can't concentrate on driving.

Additionally, the use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found in the "Smart Practices While Driving" section in this guide (or separate guide).

## Operational Warnings

Obey all posted signs when using mobile devices in public areas.







### Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

## Symbol Key

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

## Batteries & Chargers

**Caution: Improper treatment or use of batteries may present a danger of fire, explosion, leakage, or other hazard. For more information, see the "battery use & safety" section.**

## Keep Your Mobile Device and Its Accessories Away From Small Children

These products are not toys and may be hazardous to children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

## Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

## Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

## Caution About High Volume Usage



**Warning:** Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect

your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears, or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at [www.motorola.com/hearingsafety](http://www.motorola.com/hearingsafety) (in English only).

## Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

[Mar0108]

## Use and Care

To care for your Motorola phone, please keep it away from:



### liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



### extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



### microwaves

Don't try to dry your phone in a microwave oven.



### dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



### cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



### the ground

Don't drop your phone.

## Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

## FCC Notice to Users

**The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:XXX-XXXXX on the product label.**

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide

reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

## Motorola Limited Warranty for the United States and Canada

### What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

## Products and Accessories

Products Covered	Length of Coverage
<b>Products and Accessories</b> as defined above, unless otherwise provided for below.	<b>One (1) year</b> from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
<b>Decorative Accessories and Cases.</b> Decorative covers, bezels, PhoneWrap™ covers and cases.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.
<b>Monaural Headsets.</b> Ear buds and boom headsets that transmit mono sound through a wired connection.	<b>Limited lifetime warranty</b> for the lifetime of ownership by the first consumer purchaser of the product.
<b>Consumer and Professional Two-Way Radio Accessories.</b>	<b>Ninety (90) days</b> from the date of purchase by the first consumer purchaser of the product.
<b>Products and Accessories that are Repaired or Replaced.</b>	<b>The balance of the original warranty or for ninety (90) days</b> from the date returned to the consumer, whichever is longer.

### Exclusions

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food;

(c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

**Use of Non-Motorola Products and Accessories.** Defects or damage that result from the use of non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

### Software

Products Covered	Length of Coverage
<b>Software.</b> Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	<b>Ninety (90) days</b> from the date of purchase.

### Exclusions

**Software Embodied in Physical Media.** No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

**Software NOT Embodied in Physical Media.** Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided “as is” and without warranty.

## Who Is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

## What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

## How to Obtain Warranty Service or Other Information

<b>USA</b>	<b>Phones:</b> 1-800-331-6456 <b>Pagers:</b> 1-800-548-9954 <b>Two-Way Radios and Messaging Devices:</b> 1-800-353-2729
<b>Canada</b>	<b>All Products:</b> 1-800-461-4575
<b>TTY</b>	1-888-390-6456
For <b>Accessories</b> and <b>Software</b> , please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must

include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

## What Other Limitations Are There?

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## Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

**M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

**T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

## Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: <http://www.who.int/peh-emf>

## Product Registration

Online Product Registration:

[www.motorola.com/us/productregistration](http://www.motorola.com/us/productregistration)

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

## Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

## Caring for the Environment by Recycling



This symbol on a Motorola product means the product should not be disposed of with household waste.

### Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: [www.motorola.com/recycling](http://www.motorola.com/recycling)

### Disposal of your Mobile Device Packaging and User's Guide

Product packaging and user's guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

## California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material – special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)."

There is no special handling required by consumers.

## Privacy and Data Security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Erase before recycling**—Delete personal information or data from your mobile device prior to disposing of it or turning it in for recycling. For step-by-step instructions on how to delete all personal information from your device, see the section entitled "master clear" or "delete data" in the user's guide.  
**Note:** For information on backing up your mobile device data before erasing it, go to [www.motorola.com](http://www.motorola.com) and navigate to the "downloads" section of the consumer Web page for "Motorola Backup" or "Motorola Phone Tools."
- **Understanding AGPS**—To provide location information for emergency calls, certain Motorola mobile devices incorporate *Assisted Global Positioning System* (AGPS) technology. AGPS technology also can be used in non-emergency applications to track and monitor a user's location—for example, to provide driving directions. Users who prefer not to permit such tracking and monitoring should avoid using such applications.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at [privacy@motorola.com](mailto:privacy@motorola.com), or contact your service provider.

## Microsoft End User License Agreement

You have acquired a device ("DEVICE") that includes software licensed by Motorola, Inc. ("Motorola") from Microsoft Licensing Inc. or its affiliates ("Microsoft"), for use in

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## Smart Practices While Driving

### Drive Safe, Call Smart

**Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only. Go to [www.motorola.com/callsmart](http://www.motorola.com/callsmart) (in English only) for more information.**

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
 
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving

and suspend conversations that can divert your attention away from the road.

- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.\*
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.\*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.\*

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\* Wherever wireless phone service is available.

# index

## A

- alarm 44
- alert
  - set 26

## B

- background 26
- battery life, extend 39, 47
- Bluetooth connection 38

## C

- cable connection 40
- cables 40
- calculator 44
- calendar event
  - add 44
- call
  - emergency 15
  - ending 12
  - forward 14
  - international 14
  - recent 12
- call times 15

- callcosts 15
- conference calls 13
- contacts 14
- copy files 39
- customize 26

## D

- date 26
- dialed calls 12
- documents to go 44

## E

- e-mail 19
- end a call 12
- exchange server 19

## F

- file manager 46
- forward message 21

## G

- getting started 9
- GPS 34, 38

## I

- in-call menu 13
- instant messaging 23
- internet 34
- internet sharing 35

## J

- jog ball 8

## M

- media
  - play 32
- messages
  - replying 21
  - voicemail 24
- modem 35
- multimedia message 21
- music
  - download 31
  - play 32
  - set up 30

## **N**

navigation (GPS) 34, 38  
network settings 46  
networking 35  
number redial 12

## **O**

object exchange 39  
over the air (OTA) 43

## **P**

pause button 32  
personalize 27  
photos 27  
play  
    music, video clips 32  
profile 26  
programs  
    remove 46

## **R**

received calls 12  
recent calls 12  
record a video 29  
redial 12

reply 21  
restrict calls 15  
return a call 12  
ring style, setting 26

## **S**

search 44  
send and receive messages 18  
shortcuts 25  
speed dial 14  
standby mode 25  
status indicators 11  
storage card 9  
synchronize 42

## **T**

task manager 26  
tasks 44  
text entry 23  
text input settings 24  
text message 20, 21  
third party applications 34, 35  
three way calling 13  
time, setting 26  
tips & tricks 25

Today screen 10, 26

## **U**

unlock phone 45  
USB cables 40

## **V**

video  
    record 29  
video recorder 29  
voicemail 24

## **W**

wallpaper 26  
web browser 34  
Wi-Fi 44  
Windows update 46  
wireless 38  
wireless manager 46  
WLAN 43  
U.S. patent Re.34,976



# Copyright

Motorola, Inc.  
Consumer Advocacy Office  
1307 East Algonquin Road  
Schaumburg, IL 60196  
[www.hellomoto.com](http://www.hellomoto.com)

**Note:** Do not ship your phone to the above address. If you need to return your phone for repairs, replacement, or warranty service, please contact the Motorola Customer Support Center at:

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States for hearing impaired)

1-800-461-4575 (Canada)

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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