



EN

MOTOROLA DEFY™ MINI

LIFE.  POWERED.

CONGRATULATIONS

MOTOROLA DEFY™ MINI

Your MOTOROLA DEFY™ MINI helps you seamlessly manage your "Office" and "Outdoor" lifestyles.

- **Lifeproof:** Your phone is water-resistant, dustproof and it has a scratch-resistant screen, because accidents happen.
- **Dashboard:** Easy access to all your favourite Outdoor apps, like **Camera**, **Compass** and a pedometer. For details, see "**DASHBOARD**" on page 6.
- **MotoSwitch:** MotoSwitch is a dynamic interface that gives you seamless access to content that is relevant to you. For details, see "**MOTOSWITCH**" on page 7.
- **Extended battery life:** So you have longer to use your phone outdoors, see "**BATTERY TIPS**" on page 31.

Note: Certain apps and features may not be available in all countries.

Caution: Before assembling, charging or using your phone for the first time, please read the important safety, regulatory and legal information provided with your product.

SAR

This product meets the applicable limit for exposure to radio waves (known as SAR) of 2.0 W/kg (ICNIRP). The limits and guidelines

include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The highest SAR values measured for this device are listed in the regulatory information packaged with your product.

Note: When using the product while worn on your body, either use an approved accessory, such as a holster, or maintain a distance of 2.5 cm (1 inch) from the body to ensure compliance with SAR requirements. Note that the product may be transmitting even if you are not making a phone call.

WANT MORE?

More help, more accessories, more free stuff. We're here to help.

- **Updates:** Phone updates, PC software, user guides, online help and more at www.motorola.com/mydefymini.
- **Accessories:** Find more for your phone at www.motorola.com/products.
- **Social:** The latest news, tips & tricks, videos and so much more—join us on:



YouTube™ www.youtube.com/motorola



Facebook™ www.facebook.com/motorola



Twitter www.twitter.com/motomobile

YOUR PHONE

the important keys & connectors



Note: To help protect your phone, always make sure that the battery cover and any connector covers are closed and secure.

CONTENTS

LET'S GO	3
HOME SCREEN & APPS	5
PERSONALISE	9
CALLS	11
CONTACTS	13
MESSAGING	15
TEXT ENTRY	17
SCHEDULE	18
WEB	19
LOCATION	20
PHOTOS & VIDEOS	22
MUSIC	23
MEDIA	26
BLUETOOTH™, WI-FI & CABLE CONNECTIONS	26
SECURITY	29
TIPS & TRICKS	30
TROUBLESHOOTING	33
SAFETY, REGULATORY & LEGAL	34

LET'S GO

let's get you up and running

ASSEMBLE & CHARGE

1 Cover off



2 SIM in



3 microSD in (may already be inserted)



4 Battery in



5 Cover on



6 Charge up




Caution: Please read "**BATTERY USE & SAFETY**" on page 34.


SET UP & GO

Note: This phone supports apps and services that use a lot of data, so make sure your data plan meets your needs. Contact your service provider for details.


When you turn on your new phone, you can create or enter a Google™ account so that you can download apps, use Gmail™ and much more:

- 1 Press and hold Power  to turn your phone on.
- 2 Touch the Android™ image to begin setup.
- 3 Touch a button to **Create** a Google account, **Sign in** with one you have or **Skip**.

You can log into your account from a computer at accounts.google.com.

- 4 When your phone confirms the account, it shows account sync options.
 - To change whether your phone shows the Google account's contacts, Gmail™ and calendar, touch the Google account name.
 - To add another account, touch **Add account**. For details, see "**EMAIL**" on page 15.
 - To exit setup, touch Home .



If your phone cannot connect, touch Menu  > **Wi-Fi settings** to change mobile network settings.

RUGGED

Your MOTOROLA **DEFY™ MINI** stands up to water, dust and life. Now your investment is safe and protected from life's little challenges, like that sudden rain shower and other everyday mishaps.


Of course, your phone isn't indestructible, so to avoid damage from natural elements, such as water, sand and dust intrusion, always make sure that the battery door cover and connector covers are closed and secure.


If your phone gets wet and/or dirty:




- Wipe with a soft cloth and shake to remove excess water from the entire phone, especially the display screen, speaker and microphone ports.
- Allow your phone to air-dry for at least 1 hour before using it again.
- Always make sure you clean all dirt and debris from the battery door cover/seals and connector covers.

Note: Your phone is not designed to float or work underwater.

SLEEP & WAKE UP

Your screen sleeps when you hold it to your ear during a call or when it is inactive. To change the sleep delay, touch Menu  > **Settings** > **Display** > **Screen timeout**.

To turn phone **sounds** on or off from a locked screen, flick the toggle switch .



To **unlock** the screen, press Power/Lock Key  then touch  and flick to .

KEYS

Use your phone's keys to navigate and open options at any time.

Press the volume keys to change the ringer volume (on the home screen), or the earpiece volume (during a call).

From any screen, press the Camera key on the right side of the phone to open the camera.


Touch Home  to return to the home screen. Touch and hold Home  to see your recent apps.




HOME SCREEN & APPS


a few essentials



QUICK START: HOME SCREEN

You'll see the home screen when you turn on the phone or touch Home  from a menu:





- To open shortcuts or widgets, **touch** them. Touch Home  to return to the home screen.

When you open shortcuts or widgets, touch Menu  for options.



- To move or delete shortcuts or widgets, **touch and hold** them until you feel a vibration, then drag it to another spot, another panel, or  at the top.
- In lists like **Contacts**, touch and hold list items for options.
- To add shortcuts, widgets or wallpaper, touch and hold an empty spot until you see the menu. You can also add a folder to organise your shortcuts.
- To show more panels, **drag or flick** right or left. Touch Home  to show panel thumbnails.

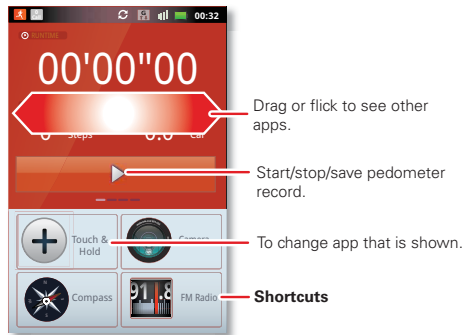
In lists like **Contacts**, drag or flick to scroll.

To change your ringtone, display brightness and more, touch Menu  > **Settings** > **Sound** or **Display**. For details, see "**PERSONALISE**" on page 9.


Tip: From the home screen, touch Menu  > **Profiles** to design different home screens for **Work**, **Home** or **Weekend**. Your changes are stored in each profile.


DASHBOARD

You can access the outdoor apps on your phone, with the dashboard, just touch  >  **DashBoard**.




Your dashboard shows apps like **Camera**, **Compass** and **FM Radio**. You can also see a pedometer that reports your runtime, steps and calories burned—it's the ideal fitness companion.

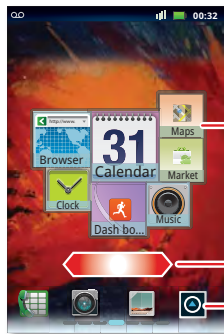
Note: To set the pedometer, touch Menu  > **Settings** > **Height and weight**, then enter your details.

To view or share your records, touch Menu  > **My record** or **Share**.

MOTOSWITCH

Jump right to your favourite apps from the home screen!

To set up your favourite apps, touch  then choose to add your apps automatically (your phone adds the apps you use the most) or manually:




Your favourites, touch to open.

Drag or flick to open panels.

Open the app menu.


Tip: The biggest app icon shows the app you use the most.


To **delete** a favourite app icon, touch and hold, then drag the app icon to the bin .





To **go to a favourite app** from the home screen, just touch it.


APPS

To show your **app menu**, touch .


- To scroll, flick up or down.
- To open an app, touch it.
- To close the app menu, touch Back .

Tip: To show the last eight apps you opened, touch and hold Home .

To **download** new apps from Android Market™, touch  >  **Market**. Touch Search  to find an app, or touch **My apps** to show or reinstall the apps you downloaded. To download apps from websites, you need to change your security settings: Touch Menu  > **Settings** > **Applications** > **Unknown sources**.

Tip: Choose your apps and updates carefully, from trusted sites like  **Market**, as some may impact your phone's performance—see "**CHOOSE CAREFULLY**" on page 8.


Note: When installing an app, make sure you read the alerts that tell you what information the app will access. If you don't want the app to have access to this information, cancel the installation.

To **move or uninstall** your apps, touch Menu  > **Settings > Applications > Manage applications**. Touch an app in the list to show details and options.

On your computer, you can browse and manage apps for all your devices powered by Android™ at market.android.com.


CHOOSE CAREFULLY

Apps are great. There's something for everyone. Play, communicate, work or have fun. But remember, choose your apps carefully. Here are a few tips:


- To help prevent spyware, phishing or viruses from affecting your phone or privacy, use apps from trusted sites, like  **Market**.
- In **Market**, check the apps' ratings and comments before installing.
- If you doubt the safety of an app, don't install it.
- Like all apps, downloaded apps will use up memory, data, battery and processing power—some more than others. For example, a simple battery level widget will use less than a streaming music player app. After installing an app, if you're not happy with how much memory, data, battery or processing power it's using, uninstall it. You can always install it again later.
- Just like web browsing, you may want to monitor children's access to apps to help prevent exposure to inappropriate content.

- Certain apps may not provide completely accurate information. Take care, especially when it comes to personal health.

MANAGE & RESTORE APPS

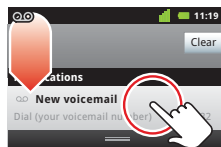
To manage your apps, from the home screen touch Menu  > **Settings > Manage apps**.











Touch the app to open the details screen—from here you can review, uninstall and more.

To reinstall any downloaded items, from the home screen touch  >  **Market > My apps**. All previously installed apps are listed and available for download.

PHONE STATUS & NOTIFICATIONS

In the status bar at the top of your screen, the right side shows phone status. The left side shows new messages or events (for details, flick the bar down).




	network strength		battery strength
	new voicemail		new text message
	Bluetooth™ on		Bluetooth connected
	Wi-Fi connected		flight mode
	USB connected		alarm set

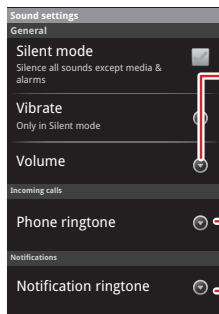
	silent ringer		silent ringer, vibrate on
	mute call		speakerphone

PERSONALISE

add your personal touch

QUICK START: PERSONALISE

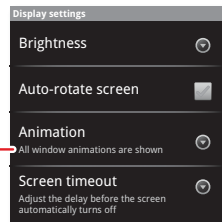
From the home screen, touch Menu  > **Settings** > **Sound** or **Display**.











Choose separate volume settings for incoming calls, media, alarms and notifications.

Call & message notifications


Turn on or off menu animations.



To...	
Choose a ringtone or vibration for calls and messages	Touch Menu  > Settings > Sound , then choose Phone ringtone , Notification ringtone or Vibrate .
Change the volume	Touch Menu  > Settings > Sound > Volume .
Turn dial pad sounds on or off	Touch Menu  > Settings > Sound > Audible touch tones .
Turn menu selection sounds on or off	Touch Menu  > Settings > Sound > Audible selection .
Change your wallpaper	Touch and hold an empty spot on the home screen, then touch Wallpapers .
Change shortcuts and widgets on your home screen	Touch and hold them. For details, see " HOME SCREEN & APPS " on page 5.
Set display brightness	Touch Menu  > Settings > Display > Brightness .

To...	
Control whether some apps rotate the screen when you rotate your phone	Touch Menu  > Settings > Display > Auto-rotate screen .
Turn on or off animations that make your menus look smoother	Touch Menu  > Settings > Display > Animation .
Calibrate the sensors used by some games or navigation apps	Touch Menu  > Settings > Display > G-Sensor calibration (movement) or E-Compass calibration (direction).


LANGUAGE & REGION

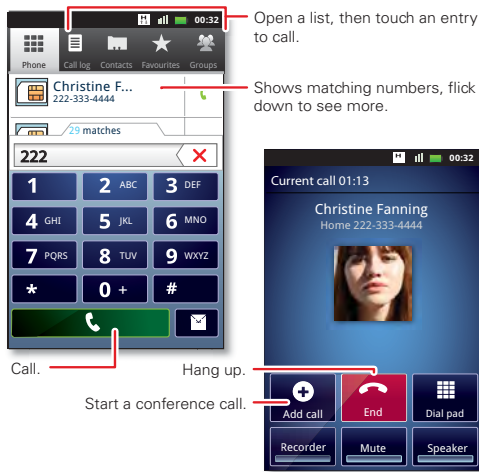
To set your menu language and region, touch Menu  > **Settings** > **Language & keyboard** > **Select locale**.

CALLS



it's good to talk

QUICK START: CALLS






From the home screen, touch .







- To **make** a call, touch , enter a number, then touch .

When dialling, touch Menu  to add a pause (pauses two seconds), or wait (waits for your confirmation). To enter the international dialling code, touch and hold .

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.


- To **answer** a call, touch  and flick to .
- **During** a call, touch **Recorder** to record the call. Touch Home  or Back  to hide the active call display (to reopen it, touch .


Note: Recording of calls is subject to varying State and Federal laws regarding privacy and recording of conversations. Always obey the laws and regulations on the use of this feature.

- To use the **speakerphone** during a call, touch **Speaker**.
- To **enter numbers** during a call, touch **Dial pad**.
- To **mute** or **unmute** a call, touch **Mute**.
- To put a call on **hold**, touch Menu  > **Hold**.
- To **end** a call, touch .
- To **ignore** an incoming call, touch  and flick to .

Tip: For quick access to contacts, see "**FAVOURITES**" on page 14.

RECENT CALLS

To show recent calls, touch  > **Call log**.

- To call, text, open or save an entry, touch and hold it.
- To clear the list, touch Menu  > **Clear call log**.

CONFERENCE CALLS



To start a conference call, call the first number. After they answer, touch **Add call** and call the next number.

When the next number answers, touch **Merge calls**.

To remove individual callers, touch **Manage**.


CALL WAITING

If you are on a call and a new call arrives:


- With call waiting on, touch  and flick to , to answer the new call and put the old call on hold. Then, touch **Swap** to switch between calls, or **Merge calls** to combine them.
- With call waiting off, the new call goes straight to your voicemail.

To turn on call waiting, touch Menu  > **Settings** > **Call settings** > **Call feature settings** > **Additional settings** > **Call waiting**.

CALL FORWARDING


To forward calls, touch Menu  > **Settings** > **Call settings** > **Call feature settings** > **Call forwarding**. You can forward calls all the time, or only when your phone is busy, unanswered or unreachable (not on the network)

RESTRICTED CALLS


To restrict your phone so that it can only dial a few numbers, touch Menu  > **Settings** > **Call settings** > **Call feature settings** > **Fixed dialling numbers**.

- To turn fixed dialling on, touch **Enable FDN**.
- To add or delete the allowed numbers, touch **FDN list**.

YOUR PHONE NUMBER

To show your phone number, touch Menu  > **Settings** > **About phone** > **Status** > **Additional status info** > **My phone number**.

YOUR CALLER ID


To hide your number from the people you call, touch Menu  > **Settings** > **Call settings** > **Call feature settings** > **Additional settings** > **Caller ID**.

COOL DOWN

In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see "Cool down" messages. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in "Cool down" mode, only emergency calls can be made.

EMERGENCY CALLS

Note: Your service provider programs one or more emergency phone numbers that you can call under any circumstances, even when your phone is locked. Emergency numbers vary by country. Your 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.



- 1 Touch  (if your phone is locked, then touch **Emergency call**).
- 2 Enter the emergency number.
- 3 Touch **Call** to call the emergency number.

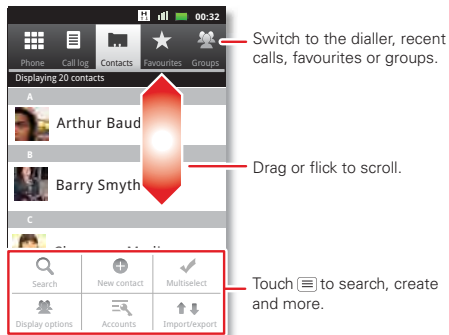
Note: Your phone can use location based services (GPS and AGPS) to help the emergency services find you. See "Location services" in your legal and safety information.

CONTACTS

contacts like you've never had before




QUICK START: CONTACTS









From the home screen, touch  >  **Contacts**.




- To **create** a contact, touch  >  **Contacts** > Menu  > **New contact**, choose where you want to store the contact, then enter details (to close the keyboard, touch Back ).

Contacts shows the contacts from your Google™ account, which you can open from any computer at contacts.google.com (or open your contacts within

mail.google.com). To stop synchronising with your account, touch  >  **Contacts** > Menu  > **Accounts**, touch your Google account, then deselect **Sync contacts**.

- To **call**, **text** or **email** a contact, touch  >  **Contacts**, touch the contact, then touch  (call),  (text) or  (email).
- To **edit** or **delete** a contact, touch  >  **Contacts**, touch the contact, then touch Menu .

FAVOURITES




For quick access to a favourite contact, open the contact, then touch the star next to their name. To show your favourites, touch  and touch **Favourites** at the top.

To add a shortcut to your favourites, touch and hold a blank spot on your home screen, then touch **Folders** > **Starred contacts**. You can also add a shortcut for an individual contact: Touch and hold a blank spot on your home screen, then choose **Shortcuts** > **Contacts**.

STORAGE & TRANSFER

When you create a new contact, your phone asks if you want to store it in your Google™ account, phone memory or SIM card. Contacts in all three places appear in your **Contacts** list, but if you change phones:



- Contacts in your Google™ account can download when you log into your Google account on a new Android™ device. You can open these contacts from any computer at contacts.google.com.
- Contacts on your SIM card can load to a new device when you insert your SIM card.
- Contacts in your phone memory stay in your old phone, unless you export them.

To import or export contacts between your phone memory and a SIM or memory card, touch  >  **Contacts**, then touch Menu  > **Import/export**.

MESSAGING


sometimes it's better to text or email...

QUICK START: TEXT MESSAGING




From the home screen, touch  >  **Messaging**.






Drag or flick to scroll.



Touch  to change settings and more.

Tip: To see more messages, flick or drag up.





- To **create** a text message, touch  **Messaging** > . For options like attaching files, touch Menu .

- To **open** text messages, touch  >  **Messaging**, then touch the sender's name.

When you see  in the status bar at the top of your screen, flick down the status bar and touch the new message to open it.

- To **respond** to a text message, just open it and enter your response in the text box at the bottom.
- To **forward**, **copy** and more, touch  >  **Messaging**, touch the sender's name, then touch and hold the message.

ATTACHMENTS

To send a file in a text message, touch  >  **Messaging** > , then touch Menu  > **Attach**.






When you open a message with an attachment, touch **Download** to download it. Touch the downloaded attachment to open it, then touch it again to save it, share it and more.

Tip: To send and receive large attachments faster, use "**WI-FI NETWORKS**" on page 28.


EMAIL

- To **set up Google** or **Corporate** (Microsoft™ Exchange server) accounts, touch Menu  > **Settings** >


Accounts & sync > Add account. For details, contact the account provider.


To set up standard email accounts (not Gmail™ or Microsoft™ Exchange), touch  >  **Email** and follow the wizard. To add more standard accounts, open  **Email** and touch Menu  > **Accounts** > Menu  > **Add account**. For details, contact the account provider.

- To **open** email, touch  >  **Email** or  **Gmail**. Touch a message to open it.



Tip: Touch Menu  for options like **Refresh** or **Search**.

- To **create** an email, touch  >  **Email** or  **Gmail**, then touch Menu  > **Compose**.


Tip: Touch Menu  for options, like **Attach** or **Add Cc/Bcc**.

Gmail synchronises with your Google™ account mail, which you can open from any computer at mail.google.com. To stop synchronising with your account, touch Menu  > **Settings** > **Accounts & sync**, touch your Google account, then deselect **Sync Gmail**.



GOOGLE TALK™


From the home screen, touch  >  **Talk**.

Google Talk instant messaging lets you chat with other Google Talk users on phones or on the web.

Touch Menu  to see a list of your Google Talk friends, send invitations to add new friends and much more.

VOICEMAIL

When you have a new voicemail,  shows in the status bar at the top of your screen. To hear voicemails, touch  then touch and hold **1**.

If you need to change your voicemail number, on the home screen touch Menu  > **Settings** > **Call settings** > **Call feature settings** > **Voicemail settings**. For your voicemail number or other details, contact your service provider.

TEXT ENTRY

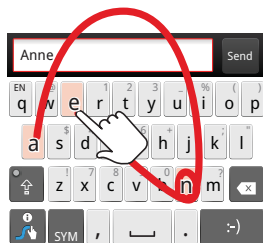
keys when you need them

QUICK START: TEXT ENTRY

To **change the keyboard**, touch and hold a blank spot in a text box. A menu opens, where you can choose **Input method** > **Android keyboard** or **Swype**.

Note: **Swype** is not available in all regions. Your keyboard might change depending on what you're entering.

Swype lets you drag your finger over the letters of a word, in one continuous motion.

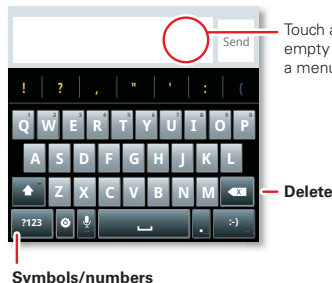


To enter a word, just trace a path through the letters.
To capitalise, go above the keyboard.
For double letters, circle the letter.

- To **move the cursor**, touch and hold a word you entered. This opens a magnifier where you can drag the cursor.


- To **copy and paste**, double-tap a word to highlight it (if needed, drag the ends of the highlight). Then touch and hold a blank spot for the copy and paste menu.
- To add a word to **your dictionary**, double-tap the word to highlight it. Then touch and hold a blank spot to open the menu where you can add the word.
- To enter the small **number or symbol** at the top of a key, touch and hold the key.
To enter several numbers or symbols, touch **SYM**.
- If Swype doesn't know a word, touch individual letters to enter it. Swype remembers, so next time you can just drag over the letters.


Android keyboard lets you enter letters by touching them one at a time.



TEXT ENTRY DICTIONARY

Your phone's dictionary stores special words or names to recognise when you enter them.


To open your dictionary, from the home screen, touch Menu  > **Settings** > **Language & keyboard** > **User dictionary**.

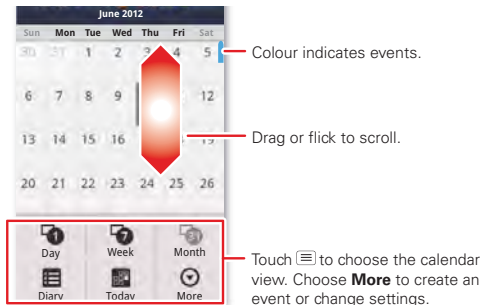
- To **add** a word, touch Menu  > **Add**.
- To **edit** or **delete** a word, touch and hold it.




SCHEDULE


helping you stay in control

QUICK START: SCHEDULE

From the home screen, touch  > **Calendar**.



- To **create** an event, touch  > **Calendar** > Menu  > **More** > **New event**, then enter details (to close the display keyboard, touch Back ).

Calendar synchronises with your Google account calendar, which you can open from any computer at calendar.google.com (or open your calendar within mail.google.com). To stop synchronising with your account, touch Menu  > **Settings** > **Accounts &**

sync, touch your Google account, then deselect **Sync calendar**.

- To **edit** or **delete** an event, touch [Google icon] > [31] **Calendar**, touch the event to open it, then touch Menu [≡] > **Edit event** or **Delete event**.

ALARM CLOCK

To set an alarm (like to wake up), touch [Google icon] > [✓] **Clock**, then touch the [🕒] alarm.

- To turn an alarm **on** or **off**, touch [🕒] next to it.
- To **add** an alarm, touch **Add alarm**, then enter alarm details.
- To **change** an alarm, touch the time.
- To set a **snooze** period, in the **Alarm clock** list touch Menu [≡] > **Settings** > **Snooze duration**.

When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay it. To cancel a snoozed alarm, drag down the status bar and touch the alarm name.

DATE & TIME

To set the date, time, time zone and formats, touch Menu [≡] > **Settings** > **Date & time**.

WEB


surf the web with your phone

QUICK START: WEB

From the home screen, touch [Google icon] > [🌐] **Browser**.



- To enter a **website address** in the browser or on your home screen, just touch Search [🔍].

- To **zoom** in or out, pinch two fingers together or apart.
- To **send** the website address in a message, touch Menu  > **More** > **Share page**.




Note: Your phone automatically uses your mobile phone network to connect to the web. Your service provider may charge to surf the web or download data. If you can't connect, contact your service provider.

Tip: You can connect to the web with "**WI-FI NETWORKS**" on page 28.

DOWNLOADS

To download files in your browser, touch a file link or touch and hold a picture to choose **Save image**.


To show the files you downloaded, touch  > **Downloads**. Touch and hold an item to open it, see details or remove it from the list.

You can download "**APPS**" on page 7.






LOCATION

where you are, where you're going

QUICK START: LOCATION

From the home screen, touch  >  **Maps**.






-  Show your location.
-  Show layers on the map.
-  Find nearby places.
- Drag or flick to scroll.
- Touch to open, then touch  to add to **Starred Places**.
- Touch  to get directions, open your Starred Places, windows and more.

Google Maps™ offers powerful, user-friendly mapping technology and local business information—including business locations, contact information and driving directions.

- To find an **address**, enter it in the search box at the top. The map moves to show the address.

Tip: You can touch and hold a spot on the map to show the nearest address.

- To find shops, restaurants and other **places** near you, touch  at the top.
- To get **directions**, find an address on the map, touch it, then touch .
- To **save** an address for later, touch it, then touch the star by its name to add it to your **Starred Places**.
- For **help**, touch Menu  > **More** > **Help**.

GOOGLE MAPS™ WITH NAVIGATION (BETA)

Google Maps™ with navigation (beta) is an Internet-connected GPS navigation system with voice guidance.


To open navigation, touch  >  **Navigation**. Follow the prompts to speak or type your destination.

For more, go to www.google.com/mobile/navigation.

GOOGLE LATITUDE™


Google Latitude™ lets you see where your friends and family are on Google Maps™. Plan to meet up, check that they got home safely or just stay in touch. Don't worry, your location is not shared unless you agree to it. After you join Google Latitude, you can invite your friends to view your location, or accept their invitations.

Touch  >  **Maps** and then:



- To **join** Google Latitude, touch Menu  > **Join Latitude**. Read the privacy policy and, if you agree with it, choose to continue.



- To **add** friends, touch Menu  > **Latitude** > Menu  > **Add friends**.

Touch **Select from Contacts** or **Add via email address**, then touch a contact and **Add friends**. Your friend will receive an email notice.

- To **remove** friends, touch Menu  > **Latitude** to show your friends list. Touch a name, then touch **Remove**.

- To **share** your location when you receive a request, you can choose **Accept and share back** (show your location and see theirs), **Accept, but hide my location** (hide your location, but see theirs) or **Don't accept** (hide both locations).

- To **hide** your location, touch Menu  > **Latitude** to show your friends list. Touch your contact name, then touch Menu  > **Settings** > **Location reporting** > **Do not update your location**.

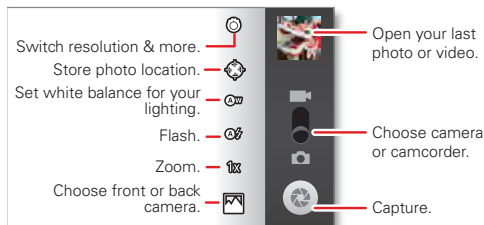
- To **sign out**, touch Menu  > **Latitude** to show your friends list. Touch Menu  > **Settings** > **Sign out of Latitude**.

PHOTOS & VIDEOS


see it, capture it, share it!

QUICK START: PHOTOS & VIDEOS

From any screen, press the Camera key on the right side of the phone to open the camera.




- To take a **photo**, open the camera, then press the **Camera key**.
- To record a **video**, open the camera, then touch the camcorder icon to switch to the camcorder. Press the **Camera key** to start and stop recording.
- To **switch** to the front camera touch Menu ≡ > **Switch camera**.

To **open** photos and videos, touch  **Gallery**, then touch a photo or video and touch **Menu** for options like **Share**.

Tip: For the clearest photos and videos, clean the lens with a soft, dry cloth.

VIEW & SHARE PHOTOS & VIDEOS

From the home screen, touch  **Gallery**.

Flick left and right to show folders. Touch a folder to show its photos or videos, then touch a thumbnail image to open, share or delete it.

Tip: From the viewfinder, you can touch the thumbnail in the top right to open your last photo or video.


- To **zoom** in, touch the screen with two fingers and then drag them apart. To zoom out, drag your fingers together.



- To **send** or **post** the photo or video, touch **Menu** > **Share**.

To use a Bluetooth or cable connection, see "**BLUETOOTH™, WI-FI & CABLE CONNECTIONS**" on page 26.



- To **delete** the photo or video, touch **Menu** > **Delete**.
- To **set** a photo as your wallpaper or a contact photo, touch **Menu** > **More** > **Set as**.
- To **crop** or **rotate** a photo, touch **Menu** > **More**.


- To **play** a video, touch .


Tip: Turn the phone sideways for a widescreen view.


YOUTUBE™




The YouTube user-generated content website lets you share videos with YouTube users everywhere. You don't need a YouTube account to browse and view videos.

From the home screen, touch  >  **YouTube**.

- To **watch** videos, touch a category like **Top rated** or touch Search  to find a video. Touch a video to watch it.

For more video categories, touch Menu  > **Browse**.

To watch a video in high quality, touch Menu  > **Settings** > **High quality on mobile**.

- To **share** a video, touch it to open it, touch **More** at the top, choose **Share**, then choose how you want to share it.
- To **upload** a video from your phone to your YouTube account, touch  >  **YouTube** > Menu  > **Upload**. Touch the video, then touch **Upload**.

To sign into your YouTube account, touch  >  **YouTube** > Menu  > **My channel**.



Note: If you don't have an account, touch the link to create one. For more, visit www.youtube.com.

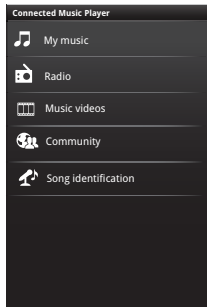
MUSIC

when music is what you need...

YOUR MUSIC COMMUNITY

Listen to the radio, watch videos, read music news and more.

From the home screen, touch  >  **Music+**.



My music. Listen to your tunes.


Radio. Surf the airwaves for fresh music. There's something for everyone. You need a headset for the Radio. Check out SHOUTcast™ Radio for music from all generations and types.

Music videos. Watch videos from YouTube™, pre-recorded TV shows and your own videos.

Community. Find songs, see what people are listening to all around the world and see what's hot on the music charts.



Song identification. Get information about a song that is playing. Select **Tell me what is playing** and hold your phone close to the source of the music.

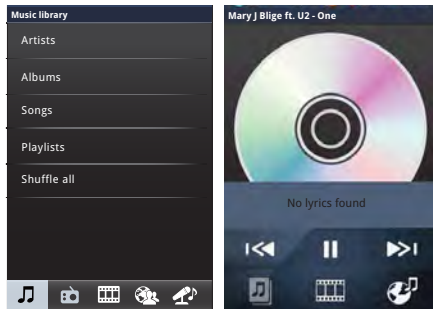
Note: Recognition will not take place if the music is from a live concert or a musical performance where digital recording is not even.

Configuration data. Some features in Connected Music Player, such as Music videos and news, Community, Song identification and Song lyrics, require data traffic. Set the data mode: Touch Menu  > **Settings** > **Data usage**.

QUICK START: MUSIC


Touch, touch, play—instant music. Just open your music library, then select what you want to play.


From the home screen, touch  >  **Music+** > **My music**.





Your music is stored by artists, albums, songs and playlists. Touch a category, then touch the song or playlist you want to play.

- To adjust **volume**, use the volume keys.



- When a song is playing, you touch Menu  > **More** to add it to a **playlist** or use it as a **ringtone**.

To edit, delete or rename playlists, touch  > 

Music+ > **My music** touch the **Playlists** tab, then touch and hold the playlist name.

- To **hide** the player and use other apps, touch Home . Your music keeps playing. To return to the player, flick down the status bar and touch .

Tip: For quick music player controls, touch and hold an empty spot on your home screen, then choose **Android widgets** > **Music**.

- To **stop** the player, touch .
- Before a **flight**, turn off network and wireless connections so that you can keep listening to music: Press and hold Power  > **Flight mode**.

Note: When you select flight mode, all wireless services are disabled. You can then turn Wi-Fi and/or Bluetooth back on, if permitted by your airline. Other wireless voice and data services (such as calls and text messages) remain off in flight mode. Emergency calls to your region's emergency number can still be made.

You can use your phone's 3.5 mm HSJ headset jack to connect wired headphones, or go wireless with a Bluetooth headset.

To listen to FM **Radio** stations, plug in a 3.5 mm HSJ headset and touch  >  **FM Radio**. Your phone uses the headset wire as the radio aerial.

MUSIC FILES

To get songs for your music player, you can download them from online services or copy them from your computer. Your music player can play these file formats: MP3, M4A, AAC, AAC+, MIDI, WAV or OGG Vorbis.

Note: Your phone does not support any DRM-protected files.

Note: Copyright—do you have the right? Always follow the rules. See "Content copyright" in your legal and safety information.



To copy files **from your computer** to your phone, you can use "**CABLE CONNECTIONS**" on page 28 or "**BLUETOOTH™ DEVICES**" on page 27.

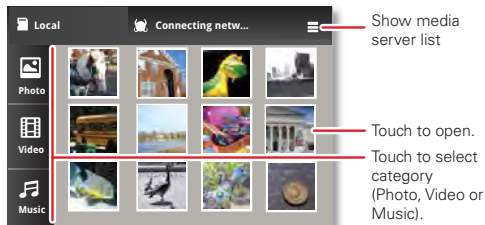
To **save a CD** on your computer ("rip" the CD), you can use a program like Microsoft™ Windows™ Media Player. First, make sure you change the format to MP3 (under Rip > Format in Windows Media Player).

MEDIA

view and share...

QUICK START: MEDIA

From the home screen, touch  >  **MediaSee**.



- Touch Menu (≡) to **Select a media player** or the **Upload/download manager**.
- Touch and hold a thumbnail, then touch **Push to, Upload** or **Information** to send to an online media server or display details.

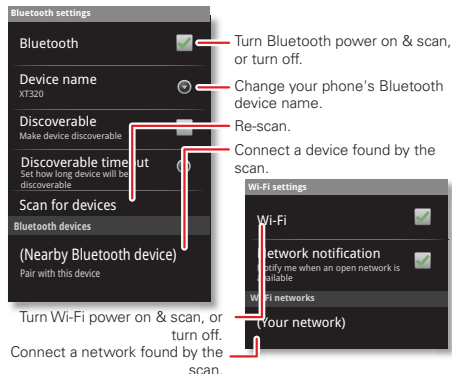
BLUETOOTH™, WI-FI & CABLE CONNECTIONS





home, office or hotspot

QUICK START: CONNECTIONS

Note: Due to French regulatory restrictions regarding possible interference, you should not use Bluetooth in France when outdoors.

From the home screen, touch Menu (≡) > **Settings** > **Wireless & networks**, then **Bluetooth settings** or **Wi-Fi settings**.





- To connect Bluetooth **devices**, touch Menu  > **Settings > Wireless & networks > Bluetooth settings > Scan for devices** (or **Bluetooth**, if it is off). Touch a device that your phone found, to connect it.
- To connect **Wi-Fi networks**, touch Menu  > **Settings > Wireless & networks > Wi-Fi settings** (then touch **Wi-Fi**, if it is off). Touch a network that your phone found, to connect it.
- To use a **cable connection**, connect your phone's micro USB port to a standard USB port on your computer, then use a computer program to transfer files to and from your phone's memory card. Your phone supports microSD cards up to 32 GB.
On your phone, flick down the status bar and touch  to enable your phone's memory card.
You can download your phone's driver files from www.motorola.com/support.
- To make your phone a **hotspot** that other devices can use to connect to the Internet, touch Menu  > **Settings > Wireless & networks > Tethering & mobile hotspot**. Then, choose to enable **USB tethering** or **Mobile hotspot**.

Note: Keep it secure. To protect your phone and hotspot from unauthorised access, it is strongly recommended that you set up hotspot **Security** (**WPA2** is the most secure), including password.

BLUETOOTH™ DEVICES

Note: This requires an optional accessory.

You can connect your phone to other Bluetooth devices for hands-free calls, file transfers and more:





- 1 Make sure the device you are pairing with is in discoverable mode.
Note: For questions about a Bluetooth device, check the manufacturer's manual or website.
 - 2 Touch Menu  > **Settings > Wireless & networks > Bluetooth settings**.
 - 3 Touch **Scan for devices** (or touch **Bluetooth** if it is turned off). Your phone scans and lists nearby devices.
 - 4 Touch a device to connect.
 - 5 If necessary, touch **Pair** or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth connected indicator  appears in the status bar.
To reconnect a device you've connected before, just turn it on.
To disconnect a device, just turn it off.
- Note:** Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.


Tip: Touch and hold an empty spot on your home screen, then choose **Widgets > Power control** for a widget that lets you turn on or off **Wi-Fi, Bluetooth, Use GPS satellites** and more.

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.

WI-FI NETWORKS

You can connect to Wi-Fi networks for even faster Internet access and to download data:

- 1 Touch Menu  > **Settings > Wireless & networks > Wi-Fi settings**.
- 2 Touch Menu  > **Scan** (or touch **Wi-Fi**, if it is off. Your phone scans for nearby networks.
To see your phone's MAC address or other details, touch Menu  > **Advanced**.
- 3 Touch a network to connect.
- 4 If necessary, enter details from the network administrator. When your phone is connected, the Wi-Fi indicator  appears in the status bar.

When power is on and your phone finds a network you've used, it automatically reconnects and shows  in the status bar.

Tip: Touch and hold an empty spot on your home screen, then choose **Widgets > Power control** for a widget that lets you turn on or off **Wi-Fi, Bluetooth, Use GPS satellites** and more.

Note: Due to French regulatory restrictions regarding possible interference, you should not use Wi-Fi in France when outdoors.


WI-FI MODES

For those who like to get a bit more technical, your phone supports the following Wi-Fi modes: 802.11b, g, n.

CABLE CONNECTIONS

You can use a cable connection to transfer songs, pictures or other files between your phone and computer. You will need a:

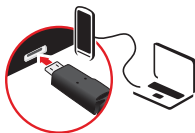
- Microsoft™ Windows™ PC or Apple™ Macintosh™.
- Data cable with a standard USB connector on one end and a micro USB connector on the other end.
- MicroSD memory card (up to 32 GB) inserted in your phone, as shown in "**ASSEMBLE & CHARGE**" on page 3.



Tip: To see the available memory on your memory card, from the home screen touch Menu  > **Settings > SD card & phone storage**.

To connect your phone and computer with a cable:

- 1 Insert a memory card in your phone, then connect your phone's micro USB port to a USB port on your computer.

Note: If your computer asks for your phone's driver files, you can download them from www.motorola.com/support.




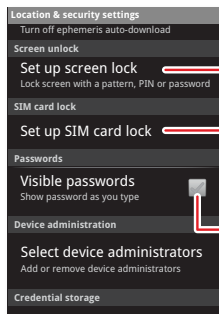
- 2 Your phone should show  in the status bar. Click down the status bar, touch the  to enable your phone's memory card.
- 3 On your computer, open a program (like Windows™ Media Player for music files, or Microsoft™ Windows™ Explorer to drag and drop other files) and use it to transfer your files.

SECURITY

help keep your phone safe

QUICK START: SECURITY


From the home screen, touch Menu  > **Settings** > **Location & security**.




Set a lock pattern, PIN or password required to wake up the screen.

Choose a number code required to turn your phone on.

Show password letters and numbers when you enter them (rather than ***).

- To set a **lock pattern**, **PIN** or **password** that you must enter whenever you wake up the screen, touch Menu  > **Settings** > **Location & security** > **Set up screen lock**. Follow the prompts to enter and confirm the pattern, PIN or password.

Note: You can make emergency calls on a locked phone ("CONTACTS" on page 13). A locked phone still rings, but you need to unlock it to answer.

- To set a **SIM card PIN** that you must enter when you turn on your phone, touch Menu  > **Settings** > **Location & security** > **Set up SIM card lock** > **Lock SIM card**. Enter your SIM PIN code. To change your code, choose **Change SIM PIN**.

Caution: If you enter an incorrect PIN code three times, your phone locks your SIM card. To unlock it, you need a PUK code from your service provider.

RESET



To reset your phone to factory settings and erase all the data on your phone, touch Menu  > **Settings** > **Privacy** > **Factory data reset** > **Reset phone**.

Warning: All downloaded apps and user data on your phone will be deleted.

TIPS & TRICKS




a few handy hints

GENERAL TIPS

- Touch **Search**  on the home screen to search across your apps, contacts, web and maps—or just enter the address for a place or a webpage. Touch Search  in **Market**, **Messaging**, **Music** and other apps to search within the app.


- Use **folders** to organise shortcuts and contacts on your home screen.

Touch and hold a blank spot on your home screen, then touch **Folders**. To move shortcuts into a **New folder**, touch and hold a shortcut, then drag it to the folder icon.




- Touch and hold Home  to show your most **recent apps**.
- Touch and hold the status bar at the top of your phone to show the **date**.
- To change which **location** information your phone uses, touch Menu  > **Settings** > **Location & security**.
- To **back up** your app data, passwords and other settings to Google servers, touch Menu  > **Settings** > **Privacy** > **Back up my data**.




BATTERY TIPS

Your phone is like a small computer, giving you a lot of information and apps, at 3G speed, with a touch display! Depending on what you use, that can take a lot of power.

To start getting the most out of your battery, touch Menu  > **Settings** > **Battery manager** > **Battery mode**. Choose **Performance mode** for constant data transfer and battery use, **Maximum battery saver** when your battery is low, or **Night-time saver** if you want to limit your data and wireless connections during off-peak hours.

To save even more battery life between charges, you could reduce:

- Recording or watching videos, listening to music or taking pictures.
- Widgets that stream information to your home screen, like news or weather.
- Bluetooth™ use: touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth** (turn off).
- Wi-Fi use: touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi** (turn off).
- GPS use: touch Menu  > **Settings** > **Location & security** > **Use GPS satellites** (deselect).

- Network searching: if you are out of coverage, to keep your phone from looking for networks, press and hold Power  > **Flight mode**.
- Display brightness: touch Menu  > **Settings** > **Display** > **Brightness** > (*dimmer setting*).
- Display timeout delay: touch Menu  > **Settings** > **Display** > **Screen timeout** > (*shorter setting*).

TOOLS




helping you stay in control


ACCESSIBILITY

See, hear, speak, feel and use. Accessibility features are there for everyone, helping to make things easier.

Note: For general information, accessories and more, visit www.motorola.com/accessibility.

VOICE RECOGNITION




- **Search:** Touch and hold Search  to open voice search, or touch  on a search box, then say what you want to search for, like "Motorola accessories".
- **Text entry:** Touch a text entry field to open the touchscreen keyboard. Touch , then say what you want to type.

Note: There is no  on the **Swype** keyboard. To change the keyboard, touch and hold a blank spot in the text box. A menu opens, where you can choose **Input method > Multi-touch keyboard**.


Tip: Speak naturally but clearly, like using a speakerphone.

RINGTONES

When you want to know who's calling:

Assign a unique ringtone to a contact—touch  >  **Contacts**, touch the contact, then touch Menu  > **Options**.

VOLUME & VIBRATE

To set your ringer volume or vibration, touch Menu  > **Settings > Sound > Phone vibrate or Volume**.


Tip: To set separate volumes for calls and notifications (like new messages), choose **Volume** and deselect **Use incoming call volume for notifications**.

DISPLAY BRIGHTNESS

To change display brightness, touch Menu  > **Settings > Display > Brightness**

Deselect **Automatic brightness** to set your own level.

TOUCHSCREEN & KEYS


You can hear or feel when you touch the touchscreen: Touch Menu  > **Settings > Sound:**


- **Touchscreen:** To hear screen touches (click), select **Audible selection**.
- **Keys:** To feel screen keyboard touches (vibrate), select **Haptic feedback**.

APPS

Want more? No problem. Android Market™ provides access to thousands of apps and many provide useful accessibility features.


Find it:  >  **Market**

Select a category or touch Search  to find the app you want.

Tip: Choose your apps carefully, from trusted sites like  **Market**, as some may impact your phone's performance.

NETWORK

You should not need to change any network settings. Contact your service provider for help.


From the home screen, touch Menu  > **Settings > Wireless & networks > Mobile networks** to show options for roaming networks, network selection, operator selection and access point names.

Note: To make any call, the phone must be connected to a mobile voice network enabled for the region that you are in.

TROUBLESHOOTING

we're here to help

CRASH RECOVERY

In the unlikely event that your phone stops responding to touches and key presses, try a quick reset. Press and hold Power , then touch **Restart**, or remove the back cover and battery ("**ASSEMBLE & CHARGE**" on page 3), then replace and turn on your phone as usual.

SERVICE & REPAIRS

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

Go to www.motorola.com/mydefymini, where you can select from a number of customer care options. You can also contact the Motorola customer support centre at 0870 9010 555 (United Kingdom) and 1850 909 555 (Ireland).

Battery use & safety

The following battery use and safety information applies to all Motorola mobile devices. If your mobile device uses a non-removable main battery (as stated in your product information), details related to handling and replacing your battery should be disregarded — the battery should only be replaced by a Motorola-approved service facility and any attempt to remove or replace your battery may damage the product.

Important: Handle and store batteries properly to avoid injury or damage. Most battery safety 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 use tools, sharp objects or excessive force to insert or remove the battery as this can damage the battery.**
- **Don't let the mobile device or battery come in contact with liquids.*** Liquids can get into the mobile device's circuits, leading to corrosion.
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewellery, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your mobile device or battery near a heat source.*** High temperatures can cause the battery to swell, leak or malfunction.
- **Don't dry a wet or damp battery with an appliance or heat source,** such as a hair dryer or microwave oven.

DOs

- **Do avoid leaving your mobile device in your car in high temperatures.***
- **Do avoid dropping the mobile device or battery.*** Dropping these items, especially on a hard surface, can potentially cause damage.*
- **Do contact your service provider or Motorola if your mobile device or battery has been damaged in any of the ways listed here.**

* **Note:** Always make sure that any battery, connector and compartment covers are closed and secure to avoid direct exposure of the battery to any of these conditions, even if your product information states that your **mobile device** can resist damage from these conditions.

Important: Motorola recommends you always use Motorola-branded batteries and chargers for quality assurance and safeguards. Motorola's warranty does not cover damage to the mobile device caused by non-Motorola batteries and/or chargers. To help you identify authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. You should confirm that any battery you purchase has a "Motorola Original" hologram.

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 try charging it again;
- If the message remains, contact a Motorola authorised service centre.

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 also benefits the environment. You can recycle your used batteries in many retail or service provider locations. Additional information on proper disposal and recycling can be found at www.motorola.com/recycling.

Disposal: Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling centre or national recycling organisations 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 product's battery:

- During charging, keep your battery and charger near room temperature for efficient battery 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.



Third party accessories

Use of third party accessories, including but not limited to batteries, chargers, headsets, covers, cases, screen protectors and memory cards, may impact your mobile device's performance. In some circumstances, third party accessories can be dangerous and may void your mobile device's warranty. For a list of Motorola accessories, visit www.motorola.com/products

Driving precautions

Responsible and safe driving is your primary responsibility when behind the wheel of a vehicle. Using a mobile device or accessory for a call or other application whilst driving may cause distraction, and may be prohibited or restricted in certain areas—always obey the laws and regulations on the use of these products.

While driving, NEVER:

- Type, read, enter or review texts, emails, or any other written data.
- Surf the web.
- Input navigation information.
- Perform any other functions that divert your attention from driving.

While driving, ALWAYS:

- Keep your eyes on the road.
- Use a hands-free device if available or required by law in your area.
- Enter destination information into a navigation device **before** driving.
- Use voice-activated features (such as voice dial) and speaking features (such as audible directions), if available.
- Obey all local laws and regulations for the use of mobile devices and accessories in the vehicle.
- End your call or other task if you cannot concentrate on driving.

Remember to follow the "Smart practices whilst driving" at www.motorola.com/callsmart (in English only).

Seizures, blackouts & eyestrain

To reduce eyestrain and avoid headaches, it is always a good idea to hold the screen at a comfortable distance from your eyes, use in a well-lit area, and take frequent breaks. Some people may be susceptible to seizures or blackouts (even if they have never had one before) when exposed to flashing lights or light patterns, such as when playing video games, or watching videos with flashing-light effects.

Discontinue use and consult a doctor if any of the following symptoms occur: seizures, blackout, convulsion, eye or muscle twitching, loss of awareness or disorientation. If you or someone in your family has experienced seizures or blackouts, please consult your doctor before using an application that produces flashing-light effects on your mobile device.

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 get your hearing checked.

For more information about hearing, see our website at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (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 doctor.

Children

Keep your mobile device and its accessories away from small children. These products are not toys and may be hazardous to small 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.

Supervise access for older children. Similar to a computer, if an older child does use your mobile device, you may want to monitor their access to help prevent:

- Exposure to inappropriate apps or content.
- Improper use of apps or content.
- Loss of data.

Glass parts

Some parts of your mobile device may be made of glass. This glass could break if the product 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 centre.

Operational warnings

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





Potentially explosive areas





Potentially explosive areas are often, but not always, posted and can include blasting areas, fuelling stations, fuelling 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, unless it is a radio product type especially qualified for use in such areas and certified as "Intrinsically safe" (for example, Factory Mutual, CSA or UL approved). 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.

Symbol	Definition
	Do not dispose of your battery or mobile device with your household waste. See "Recycling" for more information.
	Do not use tools.
	For indoor use only.
	Listening at full volume to music or voice through a headset may damage your hearing.

Radio frequency (RF) energy

Exposure to RF energy

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

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

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:

- 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 accessory (e.g. clip, holder, holster, case or arm band). If you do not use a body-worn accessory supplied or approved by Motorola, ensure that whatever product is used is free of any metal and that it positions the mobile device at least 2.5 cm (1 inch) away from the body.

- 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 website at: 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, such as hospitals or healthcare facilities.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an aeroplane mode or similar feature, consult airline staff about using it in-flight.

Medical devices

If you have a medical device, including an implantable medical device such as a pacemaker or defibrillator, consult your healthcare provider and the device manufacturer's directions before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimetres (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 minimise the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Specific absorption rate (ICNIRP)

YOUR MOBILE DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organisation (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific absorption rate, or SAR. The SAR limit for mobile devices is 2 W/kg. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands*. The highest SAR values under the ICNIRP guidelines for your device model are listed below:

Head SAR	GSM 900 + WiFi + Bluetooth	1.08 W/kg
Body-worn SAR	GSM 900 + WiFi + Bluetooth	0.915 W/kg

During use, the actual SAR values for your device are usually well below the values stated.

This is because, for purposes of system efficiency and to minimise interference on the network, the operating power of your mobile device is automatically decreased when full power is not needed for the call. The lower the power output of the device, the lower its SAR value.

If you are interested in further reducing your RF exposure then you can easily do so by limiting your usage or simply using a hands-free kit to keep the device away from the head and body. Additional information can be found at www.motorola.com/rfhealth.

European Union directives conformance statement

The following CE compliance information is applicable to Motorola mobile devices that carry one of the following CE marks:

CE0168

CE0168

[Only indoor use allowed in France for Bluetooth and/or Wi-Fi]

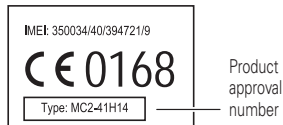
Hereby, Motorola declares that this product is in compliance with:

* The tests are carried out in accordance with [CENELEC EN50360] [IEC standard PT62209-1].

- The essential requirements and other relevant provisions of directive 1999/5/EC
- All other relevant EU directives

For products that support Wi-Fi 802.11a (as defined in your product information): This device is restricted to indoor use when operating in the 5.15 to 5.25 GHz (802.11a) Wi-Fi frequency band.

The following 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 (in English only). To find your DoC, enter the Product approval number from your product's label in the "Search" bar on the website.

FCC notice to users

The following statement applies to all products that bear the FCC logo on the product label.

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. See 47 CFR Sec. 15.105(b). 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.

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(a)(3).

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. For products that support Wi-Fi 802.11a (as defined in your product information): This device is restricted to indoor use when operating in the 5.15 to 5.25 GHz (802.11a) Wi-Fi frequency band.

Software notices

Warning against unlocking the bootloader or altering a product's operating system

software: Motorola strongly recommends that you do not alter a product's operating system, which includes unlocking the bootloader, rooting a device or running any operating software other than the approved versions issued by Motorola and its partners. Such alterations may permanently damage your product, cause your product to be unsafe and/or cause your product to malfunction. In such cases, neither the product nor any damage resulting therefrom will be covered by warranty.

Important FCC information: You must not make or enable any changes to the product that will impact its FCC grant of equipment authorisation. The FCC grant is based on the product's emission, modulation and transmission characteristics, including: power levels, operating frequencies and bandwidths, SAR levels, duty-cycle, transmission modes (e.g., CDMA, GSM), and intended method of using the product (e.g., how the product is held or used in proximity to the body). A change to any of these factors will invalidate the FCC grant. It is illegal to operate a transmitting product without a valid grant.

Location services

The following information is applicable to Motorola mobile devices that provide location-based functionality. Location sources can include GPS, AGPS and Wi-Fi.

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radionavigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the mobile network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details. Your mobile device can also use *Wi-Fi* signals to determine your approximate location, using information from known and available Wi-Fi networks.

Your location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices that are connected to a wireless network transmit location-based information. Devices enabled with location technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola and other third parties providing services.

Emergency calls

When you make an emergency call, the mobile network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Navigation

The following information is applicable to Motorola mobile devices that provide navigation features.

When using navigation features, note that mapping information, directions and other navigational data may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic and all other factors that may impact driving. Always obey posted road signs.

Privacy & data security

Motorola understands that privacy and data security are important to everyone. Given that 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. Use your device's security and lock features, where 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.

- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card and phone memory. Make sure you remove or clear all personal information before you recycle, return or give away your device. You can also back up your personal data to transfer to a new device.

Note: For information on how to back up or wipe data from your mobile device, go to www.motorola.com/support

- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account and how to use security features such as remote wipe and device location (where available).
- **Applications and updates**—Choose your apps and updates carefully and install from trusted sources only. Some apps can impact your phone's performance and/or have access to private information including account details, call data, location details and network resources.
- **Wireless**—For mobile devices with Wi-Fi features, only connect to trusted Wi-Fi networks. Also, when using your device as a hotspot (where available) use network security. These precautions will help prevent unauthorised access to your device.
- **Location-based information**—Mobile devices enabled with location based technologies such as GPS, AGPS or Wi-Fi, can transmit location-based information. See "Location services" for more details.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

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, or contact your service provider.

Use & care

Your device is designed to resist damage from exposure to certain rugged conditions, as stated in your product information. However, to help care for your device, avoid prolonged or extreme exposure to those conditions and please observe the following:



protection

To help protect your mobile device, always make sure that any battery, connector and compartment covers are closed and secure.



drying

Don't try to dry your device using a microwave oven, conventional oven or dryer, as this may damage the device.



cleaning

To clean your device, use only a dry soft cloth. Do not use alcohol or other cleaning solutions.

Recycling

Mobile devices & accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets or batteries) with your household waste or in a fire. 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 centre 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



Packaging & product guides

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

Software copyright

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant, either directly or by implication or estoppel or otherwise, any licence under the copyrights, patents or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

Content copyright

The unauthorised 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 authorised or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Open source software information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA MOBILITY, INC.

OSS Management

600 North US Hwy 45

Libertyville, IL 60048

USA

The Motorola website opensource.motorola.com (in English only) also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licences, acknowledgements and required copyright notices for open source packages used in this Motorola device, please press Menu Key

> **Settings** > **About phone** > **Legal information**

> **Open source licences**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

How to obtain service or other information

1. Please access and review the online Customer support section of Motorola's consumer website prior to requesting warranty service.
2. If the Product is still not functioning properly after making use of this resource, please contact the Warrantor listed at the Motorola website or the contact information for the corresponding location.
3. A representative of Motorola, or of a Motorola Authorised repair centre, will help determine whether your Product requires service. You may be required to download or otherwise obtain and accept software updates from Motorola or a Motorola authorised repair centre. You are responsible for any applicable carrier service fees incurred while obtaining the required downloads. Complying with the warranty process, repair instructions and accepting such software updates is required in order to receive additional warranty support.
4. If the software update does not fix the problem, you will receive instructions on how to ship the Product to a Motorola Authorised repair centre or other entity.
5. To obtain warranty service, as permitted by applicable law, you are required to 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) your address and telephone number. In the event the Product is not covered by the Motorola Limited Warranty, Motorola will inform the consumer of the availability, price and other conditions applicable to the repair of the Product.

To obtain service or other information, please access and review the online Customer Support section of Motorola's consumer website at www.motorola.com.

Motorola Mobility Inc. Limited Global Warranty Mobile Phones

FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS.

Who is providing the Limited Warranty?

This Limited Warranty is provided by Motorola Mobility UK Limited, Redwood, Crockford Lane, Chineham Business Park, Basingstoke, RG24 8WQ, England.

Who is Covered?

This Limited Warranty extends only to the first consumer purchaser of the Product, and is not transferable.

What Does This Limited Warranty Cover?

Motorola Mobility Inc. or its subsidiaries' warranty obligations are limited to the terms and conditions set forth herein. Subject to the exclusions contained below, Motorola Mobility Inc or its subsidiaries ("Motorola") warrant this Mobile Phone, and any in-box accessories which accompany such Mobile Phone ("Product") against defects in materials and workmanship, under normal consumer use, for a period of TWO (2) YEARS and ONE (1) YEAR for the battery, from the date of retail purchase by the original end-user purchaser, or the period of time required by the laws of the country where the Product is purchased, whichever is longer ("Warranty Period").

Any upgrade to the original product will be covered only for the duration of the original Warranty Period.

This limited Warranty is only available in the country where the Product was purchased. Motorola may provide service outside the country of purchase, to the extent that it is possible and under the terms and conditions of the country of purchase.

This Limited Warranty applies only to new Products which are a) manufactured by or for Motorola as identified by the "Motorola" trademark, trade name, or logo legally affixed to them; b) purchased by consumers from an authorized reseller or distributor of Motorola Products; and c) accompanied by this written Limited Warranty.

What Will Motorola Do?

If a covered defect or damage arises and a valid warranty claim is received within the applicable Warranty Period, Motorola, at its sole option, unless otherwise required by applicable law, will either (1) repair, at no charge, the defect or damage using new, used or reconditioned/refurbished functionally equivalent replacement parts; or (2) exchange the Product with a replacement Product that is new or which has been reconditioned/refurbished or otherwise remanufactured from new or used parts and is functionally equivalent to the original Product; or (3) refund the purchase price of any Products covered by the terms and conditions of this Limited Warranty.

Products, parts and supporting documentation provided to Motorola as part of the warranty process, shall become the property of Motorola, and may not be returned. When a replacement or refund is given, the Product for which the replacement or refund is provided must be returned to Motorola and shall become the property of Motorola.

This Warranty Does Not Apply to:

- (a) **Consumable parts**, such as batteries or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship. As with all batteries, the maximum capacity of the battery will decrease with time and use; this is not a defect. Only defective batteries and batteries that leak are covered by this warranty for a period of ONE (1) YEAR from the date of purchase.
- (b) **Cosmetic damage**, including but not limited to scratches, dents, cracks or other cosmetic damage.
- (c) **Damage caused by use with non-Motorola products**. Defects or damage that result from the use of non-Motorola branded or certified Products, accessories or other peripheral equipment, including without limitation housings, parts, or software, are excluded from coverage.
- (d) **Damage caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external causes**; including but not limited to: (i) improper usage or operation (e.g. operating the Product outside their permitted or intended uses as defined by Motorola, including but not limited to as set forth by Motorola in the Products' User Manual, Quick Start Guide, Online Tutorials, and other documentation), improper storage (e.g. subjecting the Product to extreme temperatures), abuse or neglect (e.g. broken/bent/missing clips/fasteners/connectors); impact damage (e.g. dropping the Product) (ii) contact with liquids, water, rain, extreme humidity, heavy perspiration or other moisture; sand, food, dirt or similar substances (except for Products sold as resistant to such substances, but only to the extent the damage was not caused by incorrectly securing the phone's protective elements or subjecting the Product to conditions beyond its stated specifications or limits); (iii) use of the Products for commercial rental

purposes; or (iv) external causes or acts which are not the fault of Motorola, including but not limited to flood, fire, earthquake, tornado or other acts of God, are excluded from coverage.

(e) **Unauthorized Service or Modification.** Defects or damage resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way, including but not limited to tampering with or altering the software, by someone other than Motorola, or its authorized service centers, are excluded from coverage. Notwithstanding the foregoing, any Product which has had its bootloader unlocked, or whose operating system has been altered, including any failed attempts to unlock the bootloader or alter such operating system, is not covered by this warranty, regardless of whether such modifications are authorized, approved, or otherwise sanctioned by Motorola.

(f) **A product or part that has been modified in any manner without the written permission of Motorola.** Products that have been altered in any manner so as to prevent Motorola from determining whether such Products are covered under the terms of this Limited Warranty are excluded from coverage. The foregoing shall include but not be limited to (i) serial numbers, date tags or other manufacturer coding that has been removed, altered or obliterated; (ii) mismatched or duplicated serial numbers; or (iii) broken seals or other evidence of tampering. Do not open the Product or attempt to repair the Product yourself; such conduct may cause damage that is not covered by this warranty.

(g) **Normal wear and tear or otherwise due to the normal aging of the product.**

(h) **Defects, damages, or the failure of the Product due to any communication service or network you subscribe to or use with the Products.**

(i) **All software, including operating system software, third-party software, applications, and all other software of any kind.** Software distributed by Motorola is provided "AS-IS" and "AS AVAILABLE," "WITH ALL FAULTS" and without a warranty of any kind. The Limited Warranty does not apply to any non-Motorola product or any software, even if packaged or sold with the Motorola hardware, unless otherwise required by applicable local law.

(j) **Products that have been refurbished, reconditioned, or remanufactured,** except for Products repaired or replaced pursuant to the terms of this Limited Warranty.

If damage is outside the scope of warranty coverage, repair services may be available, but all costs associated with such out of warranty repair will be your responsibility.

What Other Limitations Are There?

• TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY AND THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. NO ORAL OR WRITTEN REPRESENTATIONS MADE BY MOTOROLA OR ANY SELLER, RESELLER OR DISTRIBUTOR OF THE PRODUCTS, INCLUDING EMPLOYEES AND AGENTS THEREOF,

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- SOME STATES OR JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR THE EXCLUSION OR LIMITATION ON THE LENGTH OF AN IMPLIED WARRANTY, OR THE LIMITATION OR EXCLUSION OF DAMAGES FOR PERSONAL INJURIES CAUSED BY NEGLIGENCE, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE OR JURISDICTION.

- **DATA BACKUP:** ALL INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS, INCLUDING BUT NOT LIMITED TO PERSONAL CONTACTS, ADDRESS BOOKS, PICTURES, MUSIC AND GAMES WILL BE ERASED DURING THE REPAIR PROCESS, AND CAN NOT BE REINSTALLED BY MOTOROLA. TO AVOID LOSING SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS PLEASE CREATE A BACK UP BEFORE YOU DELIVER YOUR PRODUCT FOR WARRANTY SERVICE, REMOVE ANY CONFIDENTIAL, PROPRIETARY OR PERSONAL INFORMATION AND DISABLE ANY SECURITY PASSWORDS. YOU WILL BE RESPONSIBLE FOR REINSTALLING ALL SUCH INFORMATION, DATA, SOFTWARE, OTHER APPLICATIONS AND PASSWORDS. MOTOROLA AND/OR ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OR MISUSE OF ANY DATA, FILES, CONTENT, APPLICATIONS AND PROGRAMS WHEN THE PRODUCT IS DELIVERED FOR WARRANTY SERVICE. YOUR PRODUCT OR A REPLACEMENT PRODUCT WILL BE RETURNED TO YOU AS YOUR PRODUCT WAS CONFIGURED WHEN ORIGINALLY PURCHASED, SUBJECT TO APPLICABLE SOFTWARE UPDATES. MOTOROLA MAY INSTALL OPERATING SYSTEM SOFTWARE UPDATES AS PART OF WARRANTY SERVICE THAT MAY PREVENT THE PRODUCT FROM REVERTING TO AN EARLIER VERSION OF THE OPERATING SYSTEM SOFTWARE. THIRD PARTY APPLICATIONS INSTALLED ON THE PRODUCT MAY NOT BE COMPATIBLE OR WORK WITH THE PRODUCT AS A RESULT OF THE OPERATING SYSTEM SOFTWARE UPDATE. MOTOROLA AND ITS AUTHORIZED SERVICE CENTERS ARE NOT RESPONSIBLE FOR THE LOSS OF, OR INABILITY TO USE, SUCH INFORMATION, DATA, SOFTWARE OR OTHER APPLICATIONS.
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- **IMPORTANT FCC INFORMATION:** YOU MUST NOT MAKE OR ENABLE ANY CHANGES TO THE PRODUCT THAT WILL IMPACT ITS FCC GRANT OF EQUIPMENT AUTHORIZATION. THE FCC GRANT IS BASED ON THE PRODUCT'S EMISSION, MODULATION, AND TRANSMISSION CHARACTERISTICS, INCLUDING: POWER LEVELS, OPERATING FREQUENCIES AND BANDWIDTHS, SAR LEVELS, DUTY-CYCLE, TRANSMISSION MODES (E.G., CDMA, GSM), AND INTENDED METHOD OF USING THE PRODUCT (E.G., HOW THE PRODUCT IS HELD OR USED IN PROXIMITY TO THE BODY). A CHANGE TO ANY OF THESE FACTORS WILL INVALIDATE THE FCC GRANT. IT IS ILLEGAL TO OPERATE A TRANSMITTING PRODUCT WITHOUT A VALID GRANT.

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Certain features, services and applications are network-dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider for details.

All features, functionality and other product specifications, as well as the information contained in this guide, are based upon the latest available information and 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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Caution: Motorola does not take responsibility for changes/modification to the transceiver.

Product ID: MOTOROLA **DEFY[™]MINI** (XT320)

Manual number: 68016767006



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