

**Note:** Your phone can use location based services (GPS and AGPS) to help emergency services find you. See “**LOCATION SERVICES (GPS & AGPS)**” on page 59.

## COOL DOWN

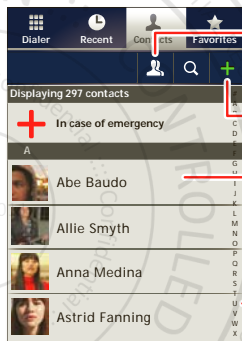
In very limited circumstances, such as where your phone has been exposed to extreme heat, you may see “Cool Down” messages. To avoid possible damage to your battery and phone, you should follow these instructions until the phone is within its recommended temperature range. When your phone is in “Cool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

## CONTACTS

*contacts like you've never had before*

### QUICK START: CONTACTS

Find it:  >  **Contacts**



#### Group


Create & view groups of contacts.

Add contacts.

#### Contacts List

Touch to view contact information. Touch & hold to call, send a text message, & more.

Touch a letter to jump to contact names that start with the letter.

**Tip:** To search the list, touch  to open a touchscreen keypad, then type a name. When you flick or drag the list, a scroll bar appears that you can drag to move the list faster.

## TRANSFER CONTACTS

Get all your contacts, all in one place. Here's a few helpful hints:

- Use Gmail™

All your Gmail contacts will automatically get synced to your phone. Various computer applications for mobile phones and email accounts allow you to export your contacts as a “CSV” file. You can then use Gmail to import the file. For more details, go to [www.motorola.com/transfercontacts](http://www.motorola.com/transfercontacts) or log in to your Gmail account on your computer and select “Help”.

- More

There are other methods and tools to help you at [www.motorola.com/transfercontacts](http://www.motorola.com/transfercontacts).

## LINK CONTACTS

You might have two or more contacts for the same person, maybe a Gmail contact who is also stored on your phone, or one friend with two email addresses. To combine these contacts:

**Find it:**  >  **Contacts**

Touch a contact to open it, touch Menu  > **Edit contact**, touch Menu  > **Join**, touch the second contact, then touch **Save**.

## CALL OR EMAIL CONTACTS


**Find it:**  >  **Contacts**

- To view contact information, touch the contact.
- To call, text, send an email, or see other options, touch and hold the contact.
- To add a contact to Favorites, touch the contact, then touch the star next to the contact's name. The star turns green.

## VIEW & USE CONTACTS

When you set up a social networking account (see “**SOCIAL NETWORKING**” on page 22), you'll know what everybody's up to and when. Every time you pick up a call, check a message, or look up a friend's contact info, you'll see their name and number, but you can see their social network status and smiling face, too.

**Find it:**  >  **Contacts**

- To find a contact, touch  in the **Contacts** screen and type the contact name.  
Touch a contact to open its details. While viewing details, you can start a call or message by touching icons next to the phone number, email address, or social network. To see your interactions with the person, touch **Contact History**.
- To change which group of contacts is shown (**All**, **Facebook**, and so on) touch the filter name at the top.

- To change how you view the list of contacts, flick left or right at the bottom of the screen to select **History** (recently used), **A-Z** (list without status), or **Status** (list with status).

## CREATE CONTACTS

Find it: > **Contacts** >

Select a picture for the contact.

Add more name details.

Add another number.

Remove this number.

Set the number type.

Touch any entry area to open the touchscreen keypad.

When you're finished, touch **Save**.

**Where are contacts saved?** Your smartphone saves new contacts in its memory and on the Google Server or Backup Assistant™, if you have a subscription. It also updates your social networking account.

## EDIT OR DELETE CONTACTS

Find it: > **Contacts**

Touch the contact, then touch Menu > **Edit contact** or **Delete contact**.

## SYNCHRONIZE CONTACTS

When you change one of your contacts, your smartphone automatically updates your other social networking accounts. When you change a social networking friend, your smartphone updates your contacts.

## PERSONALIZE CONTACTS

Find it: > **Contacts**




**Add a photo:** Touch the contact, touch Menu > **Edit contact**, then touch .

**Set a ringtone:** Touch the contact, then touch Menu > **Options** > **Ringtone**.

## GROUPS

Find it: > **Contacts** > > *group name*

You can put your contacts into groups that you create (like “friends”, “family”, or “work”). Then, you can find contacts faster by showing one group at a time.

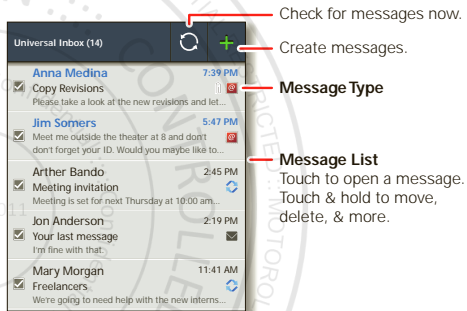
To create a new group, touch  **Contacts** > , then touch Menu  > **New group**.

## MESSAGING

*sometimes it's best to text, or IM, or email . . .*

### QUICK START: MESSAGING

Find it:  >  **Messaging** > **Universal Inbox**



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

### READ & REPLY TO MESSAGES


Find it:  >  **Messaging** > **Universal Inbox**

**Note:** **Universal Inbox** shows all of your messages together—text, email, and social networking messages.

To show only one type of message, touch a message type instead of **Universal Inbox**.

- To **open** a text message or social networking message and all of its replies, touch it.
- To **respond** to a text message, just open it and enter your response in the text box at the bottom.


To **forward** a text message, touch and hold a message in the conversation, then touch **Forward message**.

For email, touch  to choose a reply or forward option.


- To open options, touch and hold a message.

## CREATE MESSAGES

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

Choose a message type, such as **Text Message** or **Facebook**. Then, enter the recipient and message. In text messages and emails, touch Menu  for options like **Insert...** or **Attach Files**.

## SEND & RECEIVE ATTACHMENTS

To send a file in a message, open a new message and touch Menu  > **Insert**.



When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file

formats can be converted to HTML for faster viewing, and your smartphone will show **Get HTML version**.

While viewing the attachment, touch it to save it, share it, and more.

**Tip:** To send and receive large attachments faster, use a Wi-Fi connection (see “**WI-FI NETWORKS**” on page 41).




## SET UP MESSAGING

To add email accounts, touch  >  **My Accounts** > **Add account**.

- **Corporate Sync** is for Exchange server work email accounts. Enter details from your IT administrator.

**Tip:** You might need to enter your domain name with your user name (like *domain/username*).

- **Email** is for most personal email accounts. For account details, contact the account provider.



To change your settings, touch  >  **Messaging**, touch Menu , then touch:

- **Manage accounts** to add or remove an account.
- **Edit Universal Inbox** to choose which accounts show messages in the **Universal Inbox**.
- **Settings** to set the notification for each account type (along with other preferences, for email).

**Tip:** For social network accounts, see “**ADD ACCOUNTS**” on page 22.

## EMAIL

The first time you turned on your smartphone (see "**SET UP & GO**" on page 3), you probably logged in to your Gmail™ account. You can add any other email account that you set up.

To add other email accounts to your **Messages** widget and **Universal Inbox**, touch  >  **My Accounts** > **Add account** > **Email**.


## INSTANT MESSAGES


To send and receive instant messages, you can use Google Talk™.

**Find it:**  >  **Talk**

**Tip:** You can also download an instant messaging app from Android Market™.

## VOICEMAIL

When you have a new voicemail,  appears at the top of the screen. Drag down the status bar and touch the **New voicemail** notification to listen to your voicemail message.

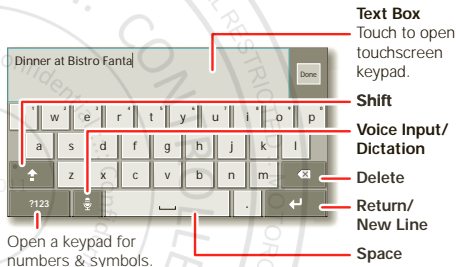
If you need to change your voicemail number, in the home screen touch Menu  > **Settings** > **Call settings** > **Voicemail settings**.

## TEXT ENTRY

*keys when you need them*

## TOUCHSCREEN KEYPAD

You can open a keypad on your screen by touching a text box. To close the keypad, touch **Back** .



## INPUT METHODS

To select an input method, touch and hold a text entry area on the screen to open the **Edit text** menu. Touch **Input method**, then touch the method you want.

## SWYPE™ TEXT ENTRY

Enter words with one continuous motion. Just drag your finger over the letters in the word.



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

### Tips:




- To enter apostrophes in common words (like "I'll"), drag through the **n** as though it was an apostrophe.
- To enter several symbols, other punctuation, or numbers, touch **SYM**.
- To correct a word, double-tap it. Swype shows a small menu of other word options. Swype might also show a menu if it can't guess your word.
- If Swype doesn't know a word, you can still touch the letter keys to enter it. Swype remembers, so next time you can just drag over the letters.

## MULTI-TOUCH KEYBOARD

Enter text a letter at a time. As you type, your smartphone suggests words from your dictionary and chosen language. The smartphone also automatically enters apostrophes in some words, like "dont."

To add a word to your dictionary, touch and hold the word, then select **Add "word" to dictionary**.

## TYPING TIPS

To...	
Enter <b>one capital</b> letter	Touch Shift  .
Enter <b>only capital</b> letters, until you touch Shift  again	Touch Shift  twice. Touch again to revert to lowercase.
<b>Move</b> the text entry cursor	Touch the text where you want the cursor to go.
<b>Select</b> text	Touch and hold text, then touch <b>Select text</b> or <b>Select all</b> .
<b>Cut</b> or <b>Copy</b> selected text	Touch and hold text, then touch <b>Cut</b> or <b>Copy</b> .
<b>Paste</b> cut or copied text at cursor location	Touch and hold location to paste, then touch <b>Paste</b> .

To...

**Delete** character to left of cursor    Touch Delete  (hold to delete more).

## TEXT INPUT SETTINGS

**Find it:** Menu  > **Settings** > **Language & keyboard**



- To edit your dictionary, touch **User dictionary**.
- To change the language and the style for your touchscreen keypad, touch **Select locale**.
- To change input method and settings, touch **Swype** or **Multi-touch keyboard**.

## SOCIAL NETWORKING

*my life, your life*

### YOUR SOCIAL NETWORKING ACCOUNT

Integrate and sync all your contacts, emails, and social networking sites. No opening and closing apps and menus. Just touch the **Social Networking** and **Social Status** widgets on your home screen.

**Tip:** Use the gallery to view all of yours and your friends' online albums. Touch  >  **Gallery**.

### ADD ACCOUNTS

You can add your **Facebook**, **Twitter**, or other accounts to your social networking account. If you don't have accounts on these sites, visit their websites to set them up.

To set up email accounts, see "**SET UP MESSAGING**" on page 19.

**Find it:**  >  **My Accounts** > **Add account**

Add an account by touching it. Then enter your user name and password for that account.

When you sign into social networking accounts, you'll see your friends and contacts in your **Contacts** list, and your status and updates can appear in your **Social Networking** widget.

**Twitter messages** will always appear as “read” on your smartphone, but your smartphone notifies you when you receive a new message.

**Tip:** To download updates faster, see “**WI-FI NETWORKS**” on page 41.

## EDIT & DELETE ACCOUNTS

**Find it:**  >  **My Accounts**










Touch and hold an account, then touch **Open account** to edit it, or touch **Remove account** to remove it (along with its contacts and messages).

**Note:** You can't delete the Google™ account you used or created when you set up your smartphone.

## TIPS & TRICKS

*a few handy hints*






### GENERAL TIPS

- If you can't see the screen while wearing sunglasses, take them off. Screen brightness changes as your smartphone senses the current lighting conditions.
- To return to home screen, touch Home .
- To see recently dialed numbers, touch  **Phone** > **Recent**.
- To sleep/wake your smartphone, press Power .
- To set screen timeout, touch Menu  > **Settings** > **Display** > **Screen timeout**.
- To search, touch Search .
- To voice search, touch and hold Search .
- To show the most recent apps you've used, touch and hold Home .
- To change one of the dock shortcuts at the bottom of the home screen, touch and hold the shortcut, then select the shortcut you want to replace it.
- To turn sound on/off, press and hold Power  > **Silent mode**.
- To turn airplane mode on/off, press and hold Power  > **Airplane mode**.

- To use the FM radio app, you need a wired headset. The wires in your headset act as the antenna. For best performance, use a Motorola Original headset. Indoor reception may vary.

## BATTERY TIPS

Want to extend your battery life? Try these:

- Use the Smart Actions app to manage smartphone settings and help minimize battery use. For more information, touch  >  **Smart Actions**, then touch Menu  > **Help**.
- To turn off background data transfers, touch Menu  > **Settings** > **Data manager** > **Background data**.
- To turn off Bluetooth™ power, touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi power, touch Menu  > **Settings** > **Wireless & networks** > **Wi-Fi**.

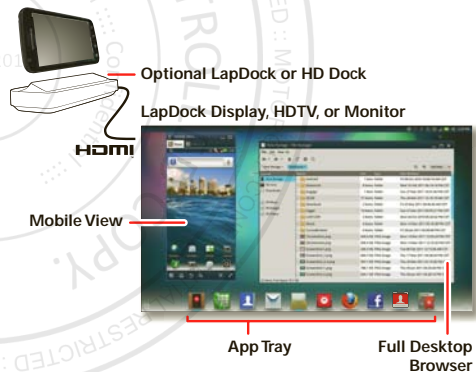
## WEBTOP APPLICATION

*smart mobile computing*

### QUICK START: WEBTOP

Browse, or use web apps, on a large screen in a full Firefox™ browser. Create and share documents, spreadsheets, and presentations with online tools like Google Docs.

To open the webtop application, connect your smartphone to an HD display or monitor using a dock accessory (sold separately).



## CONNECT THE WEBTOP APPLICATION

Connect your smartphone to the Motorola Lapdock™ 100 to automatically launch the webtop application.

Connect your smartphone to an HD display using the HD Dock or Adapter for webtop application, then choose the webtop application from the application menu.

When you're done using the webtop application, just disconnect your phone from the accessory.

## CONTROL THE WEBTOP APPLICATION

To navigate the webtop application display:

- In the **Phone** window, you can open your phone apps.
- At the bottom of the screen, you'll see **App Shortcuts**.

You can open multiple Firefox browsers.

- At the top right of the screen, you'll see icons for status and **Settings**.

For help in the webtop application, open **Settings** > **Help** at the top right of the screen.

## SEND CURRENT WEB PAGE TO PHONE

When you find an interesting web page in the webtop application, you can send it to your smartphone to view after undocking. In the Firefox browser, select File > Send to phone. If prompted to complete the action, select Browser. The web page opens in your smartphone browser.

Oct. 14, 2011

## DIGITAL LIVING



*connect and enjoy*

### MOTOCAST

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

Stream or download music, pictures, videos, and documents from your computer directly to your smartphone. MotoCast lets you pull content from your home or work computers at blazing fast 4G LTE speeds, providing secure, nearly instant remote access to your files.

### DEVICE SETUP

To get started, touch  >  **My Accounts** > **Add account** > **MotoCast ID**, and follow the on-screen instructions to create an account on your smartphone.


### DESKTOP SETUP

MotoCast can be installed on one or more Microsoft™ Windows™ or Apple™ Macintosh™ computers to stream and download files. Your smartphone contains the application that needs to be installed on your computer. Connect your smartphone to the computer with a USB cable, and follow the on-screen instructions to install the application. When installed, log in to the same account you created on your

smartphone, then select which computer files you want to share.

### HD VIEWING

You can create your own HD videos (see “**HD VIDEOS**” on page 29) to view on your wide screen HDTV or monitor.

- 1 Connect an HDMI cable (sold separately) from the HDMI port on your smartphone (see “**YOUR SMARTPHONE**” on page 2) to an HDMI port on the TV monitor.
- 2 Adjust the viewable area on the HDMI screen by touching Menu  > **Settings** > **HDMI**.

### MIRROR MODE

Connect your smartphone to your HDTV, monitor, or projector so you can view and interact with your smartphone on the big screen. Show off your photos, videos, and downloaded movies. Enjoy the big screen for gaming, movies, the web, and more. Just connect your smartphone to an HDTV or monitor using an HDMI cable (sold separately). Everything you see on your display will appear on the big screen as well.

# PHOTOS & VIDEOS

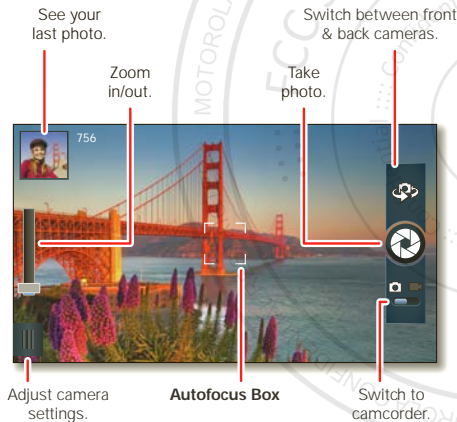
see it, capture it, share it!

## PHOTOS

### TAKE & SHARE PHOTOS

Take that family photo, and post it online for everyone to see.

Find it:  >  Camera








**Note:** Photos are stored in your phone's internal memory, unless you switch it to the microSD memory card. Photo resolution can be set to 8MP or **Widescreen** (6MP).


**Tip:** Press the volume keys to zoom in and out on the viewfinder image.

To **take** the photo, touch  in the viewfinder.


Your phone stores the photo, and shows a thumbnail image of the photo in the corner of the screen. To see the photo you just took, touch the thumbnail. Then:

- To **set** the photo as a wallpaper, contact photo, or social network photo, touch Menu  > **Set as**.
- To **send** the photo in a message or post it online, touch . For more info on sharing your photos, see "**SHARE PHOTOS & VIDEOS**" on page 31.
- To **upload** the photo to an online photo album, touch .
- To **print** the photo, touch Menu  > **More** > **Print**.
- To **delete** the photo, touch Menu  > **Delete**.

## PANORAMIC PHOTOS

In the viewfinder, touch Menu  > **Modes** > **Panorama** to take a wide panoramic photo. The camera auto-captures up to six multiple shots as you move the camera, and joins them together to make one large image.

## CAMERA SETTINGS

In the viewfinder, drag the tab in the lower-left corner of the screen (or touch Menu ) to adjust camera settings:

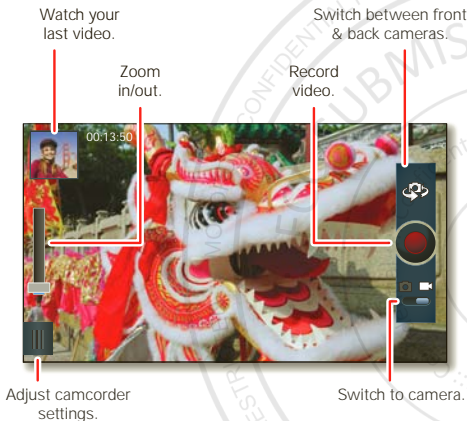
Options	
<b>Settings</b>	<ul style="list-style-type: none"><li>• <b>Widescreen</b> (6MP) or 8MP photo resolution</li><li>• <b>Video Resolution</b></li><li>• <b>Storage Location</b> (phone or SD card)</li><li>• <b>Geo-Tag</b> (auto location information)</li><li>• <b>Video Stabilization</b></li><li>• <b>Shutter Tone</b></li></ul>
<b>Effects</b>	Set a photo effect: <b>Normal</b> , <b>Black and White</b> , <b>Negative</b> , and more.
<b>Scenes</b>	Set the type of photo you want to take: <b>Auto</b> , <b>Portrait</b> , <b>Landscape</b> , <b>Sport</b> , and more.

Options	
<b>Modes</b>	Set to <b>Single shot</b> , <b>Panorama</b> , <b>Multi-shot</b> , or <b>Timer</b> .
<b>Brightness</b>	Set the viewfinder image brightness level.
<b>Flash</b>	Set <b>Flash On</b> , <b>Flash Off</b> , or <b>Auto Flash</b> .

## VIDEOS





### RECORD & SHARE VIDEOS

Find it:  >  Camcorder




To **record** a video, touch  in the viewfinder. To **stop** the video recording, touch  again.

Your phone stores the video, and shows a thumbnail image of the video in the corner of the screen. To see the video you just took, touch the thumbnail. Then:

- To **play** the video, touch .
- To **send** the video in a message or post it online, touch . For more info on sharing your video, see “**SHARE PHOTOS & VIDEOS**” on page 31.
- To **upload** the video to an online album, touch .
- To **delete** the video, touch Menu  > **Delete**.


### HD VIDEOS

You can capture HD-quality videos to watch on an HDTV or monitor.

To record an HD quality video, be sure to select the correct **Video resolution**. From the active camcorder viewfinder, touch Menu  > **Settings** > **Video Resolution** > **HD+ (1080p)** or **High Definition (720p)**.

To enhance the video quality, touch Menu  > **Audio Scenes** or **Effects**.)

## CAMCORDER SETTINGS

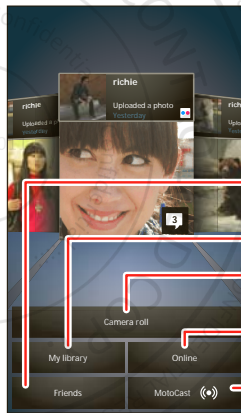
In the viewfinder, drag the tab in the lower-left corner of the screen (or touch Menu ) to adjust camcorder settings:

Options	
<b>Settings</b>	<ul style="list-style-type: none"><li>• <b>Widescreen</b></li><li>• <b>Video Resolution</b> (1080p, 720p, DVD, VGA, CIF, or QVGA)</li><li>• <b>Storage Location</b> (phone or SD card)</li><li>• <b>Geo-Tag</b> (auto location information)</li><li>• <b>Video Stabilization</b> (reduce shakiness during video capture)</li><li>• <b>Shutter Tone</b></li></ul>
<b>Effects</b>	Set a video effect: <b>Normal</b> , <b>Black and White</b> , <b>Negative</b> , and more.
<b>Audio Scenes</b>	Set sound recording options: <b>Everyday</b> , <b>Outdoors</b> , <b>Concert</b> , <b>Narrative</b> , or <b>Subject</b> .
<b>Modes</b>	Set to <b>Normal video</b> , <b>Video Message</b> , <b>Fast motion</b> , or <b>Slow motion</b> .
<b>Brightness</b>	Set the viewfinder image brightness level.
<b>Light</b>	Turn the camcorder light on or off.

## VIEW PHOTOS & VIDEOS

**Find it:**  >  **Gallery**

View all of your photos and your friends' photos/videos from different media sites like Picasa™, Flickr, PhotoBucket, and Facebook™. You can add comments to others' photos, and see comments that others have posted. You can even view photos stored on your computer with MotoCast.



Go to your friends' online albums.

Sort your photos & videos.

See your captured photos & videos.


See your online albums (like Picasa, Flickr, or Facebook).

Stream media from your computer with MotoCast.

**Note:** To see the controls when a video is playing, touch the display.


## SHARE PHOTOS & VIDEOS

**Find it:**  >  **Gallery** > *photo* or *video*

Touch , then choose how you want to share—like **Bluetooth**, **Email**, **Text Messaging**, or an online album.

## MANAGE PHOTOS & VIDEOS


**Find it:**  >  **Gallery** > *photo* or *video*

Touch Menu , then select **Edit**, **Delete**, **Add to album**, **Set as** (photo), or **Map** (video). Touch **More** for additional options.

**Tip:** To copy photos to/from a computer, go to “**USB CONNECTION**” on page 45.

## EDIT PHOTOS & VIDEOS

**Find it:**  >  **Gallery** > *photo* or *video*

Touch Menu  > **Edit**. You can choose advanced editing features to resize, crop, or change the color.

## STREAM & SYNC PHOTOS & VIDEOS

Use MotoCast to stream photos and videos from your computer to your smartphone. MotoCast also lets you use iTunes or Windows Media Player to sync the photos and videos stored on your computer and smartphone.

**Find it:**  >  **Gallery** > **MotoCast**

For more information about using MotoCast, see “**MOTOCAST**” on page 26.

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