

V190 GSM Asia User's Guide

6/6/05

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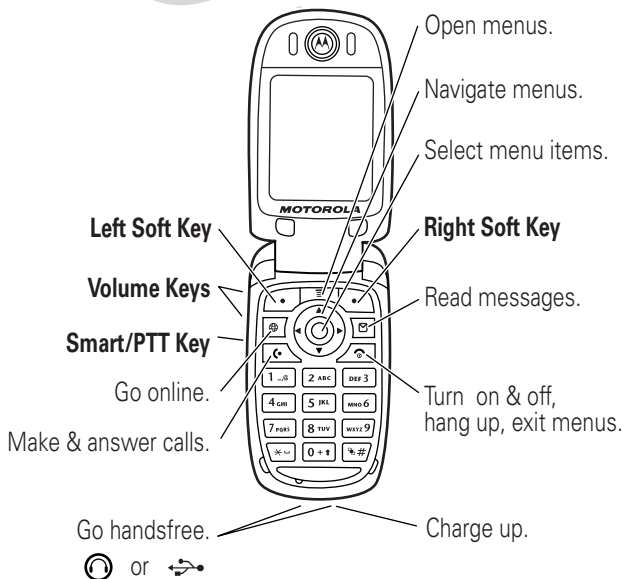


MOTOMANUAL

V190
GSM

HELLOMOTO

Introducing your new Motorola V190 GSM wireless phone. Here's a quick anatomy lesson.



For Push to Talk (PTT) details, see page 49.

Motorola, Inc.
Consumer Advocacy Office
1307 East Algonquin Road
Schaumburg, IL 60196

www.hellomoto.com

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

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Manual Number: 68XXXXXX97-0

DRAFT

feature locator

main menu



Phonebook



Recent Calls

- Received Calls
- Dialed Calls
- Notepad
- Call Times *
- Call Cost *
- Data Times *
- Data Volumes *



Messages

- Create Message
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services *
- Quick Notes
- Outbox
- Drafts
- MMS Templates



Tools

- SIM Tool Kit Apps *
- Voice Message
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Chat
- Dialing Services
 - Fixed Dial
 - Quick Dial
 - Voice Dial



Games & Apps



Web Access

- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions *



Multimedia

- Pictures
- Sounds
- Videos *



IM

- Log In
- Offline Convs.
- IM Account
- Offline Settings
- Help



Settings

- (see next page)

* optional features

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

settings menu



Personalize

- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver



Ring Styles

- Style
- style Detail
- Ring Lights
- Event Lights



Sync *



Call Forward *

- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status



In-Call Setup

- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting



Initial Setup

- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup *
- Scroll
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear



Phone Status

- My Tel. Numbers
- Credit Info/Available *
- Active Line *
- Battery Meter
- Other Information



Headset

- Auto Answer
- Voice Dial



Car Settings

- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time



Network

- New Network
- Network Setup
- Available Networks
- My Network List *
- Service Tone *
- Network Jingle *
- Call Drop Tone



Security

- Phone Lock
- Lock PTT Key *
- Lock Application
- Fixed Dial
- Restrict Calls *
- Call Barring *
- SIM PIN
- New Passwords
- Certificate Mgmt *



PTT Settings *

- PTT Service



Java Settings

- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority *
- App Backlight
- Set Standby App *
- DNS IP *

* optional features

contents

feature locator	4	customize	39
Safety Information	8	ring style	39
EU Conformance	15	ring & event lights . . .	40
Recycling Information . . .	16	time & date	40
essentials	17	wallpaper	41
about this guide	17	screen saver	41
SIM card	17	display appearance . .	42
battery	18	answer options	42
turn it on & off	20	calls	43
make a call	21	turn off a call alert . . .	43
answer a call	21	recent calls	43
your phone number . . .	21	redial	44
main attractions	22	return a call	45
play videos	22	notepad	45
multimedia messages . .	23	hold or mute a call . . .	45
cable connections . . .	25	call waiting	46
basics	26	caller ID	46
display	26	emergency calls	47
menus	29	international calls . . .	47
text entry	31	1-touch dial	47
volume	36	voicemail	48
navigation key	36	push to talk (PTT) . . .	49
external display	37		
handsfree speaker . . .	37		
codes & passwords . .	37		
lock & unlock phone . .	38		

other features 54

advanced calling	54
phonebook	56
messages	60
instant messaging.	62
chat	64
personalizing	64
call times & costs	67
handsfree	68
data & fax calls	69
network.	70
personal organizer.	70
security	72
fun & games	72

service and repairs 75

SAR Data 76

Warranty 78

index 84

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.¹

Exposure To Radio Frequency (RF) Energy

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

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

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following instructions.

External Antenna Care

If your phone has an external antenna, use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and/or may result in non-compliance with local regulatory requirements in your country.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline phone.

Body-Worn Operation: Voice Communication

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting voice communications, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines.

If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 2.5 centimeters (1 inch) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 2.5 centimeters (1 inch) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Note: 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.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

Turn off your wireless device whenever instructed to do so by airline staff. If your device offers a flight mode or similar feature, consult airline staff about use in flight. If your device offers a feature that automatically turns on the phone, then turn off this feature before boarding an airplane or entering an area where the use of wireless devices is restricted.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 centimeters (6 inches) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 15 centimeters (6 inches) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road. Using a phone may be distracting in certain circumstances. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices can be found in the "Wireless Phone Safety Tips" at the end of this guide and/or at the Motorola website: www.motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Gas or Petrol Stations

Obey all posted signs with respect to the use of radio equipment in gas or petrol stations. Turn off your wireless device if instructed by authorized staff.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

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

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Damaged Products

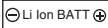
If your phone or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center to determine if it has been damaged. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become hot. Take care when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original™ batteries and chargers.**

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

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

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Choking Hazards

Your phone or its accessories may include detachable parts, which may present a choking hazard to small children. Keep your phone and its accessories away from small children.

Seizures/Blackouts

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

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms

occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

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. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
 - If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
 - If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.
1. The information provided in this document supersedes the general safety information in user's guides published prior to January 28, 2005.

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with

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

IMEI: 350034/40/394721/9

CE0168

Type: MC2-41H14

Product
Approval
Number

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

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

Caring for the Environment by Recycling



When you see this symbol on a Motorola product, do not dispose the product with household waste.

Recycling Mobile Phones and Accessories

Do not dispose of mobile phones or electrical accessories, such as chargers or headsets, with your household waste. In some countries or regions, collection systems are set up to handle electrical and electronic waste items. Contact your regional authorities for more details. If collection systems aren't available, return unwanted mobile phones or electrical accessories to any Motorola Approved Service Centre in your region.

essentials

about this guide

This guide shows how to locate a menu feature as follows:

Find it: Press  > **Recent Calls** > **Dialed Calls**

This example shows that, from the home screen, you press  to open the menu. Highlight and select  **Recent Calls**, then highlight and select **Dialed Calls**.

Press the *navigation key*  to highlight a menu feature. Press the *center key*  to select the highlighted menu feature.

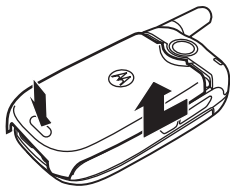
symbols	
	This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.
	This means a feature requires an optional accessory.

SIM card

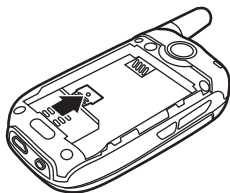
Your *Subscriber Identity Module* (SIM) card contains personal information like your phone number and phonebook entries.

Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water, and dirt.

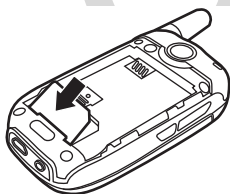
1



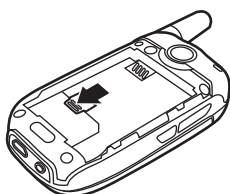
2



3



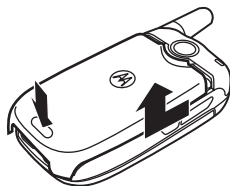
4



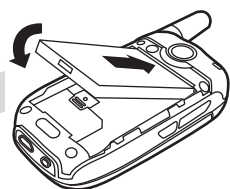
battery

battery installation

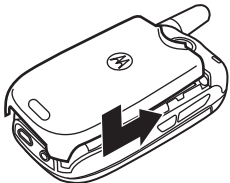
1



2

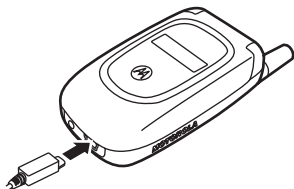


3



battery charging

New batteries are not fully charged. Plug the travel charger into your phone and an electrical outlet. Your display shows **Charge Complete** when finished.



Tip: Relax, you can't overcharge your battery. It will perform best after you fully charge and discharge it a few times.

Your phone has a light just below the external display that can pulse when you charge your battery. To turn this light on or off, see page 40.

You can charge your battery by connecting a cable from your phone's mini-USB port to a USB port on a computer. Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.



battery tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.



- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



Contact your local recycling center for proper battery disposal.

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

Before using your phone, read the battery safety information in the “Safety and General Information” section included in this guide.

turn it on & off

To turn on your phone, press and hold  for a few seconds or until the display turns on. If prompted, enter your 6-digit SIM card PIN code and/or 4-digit unlock code.



Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your display shows **SIM Blocked**. Contact your service provider.

To turn off your phone, press and hold  for 2 seconds.

make a call

Enter a phone number and press  to make a call.

To “hang up,” close the flip or press .

answer a call

When your phone rings and/or vibrates, just open the flip or press  to answer.

To “hang up,” close the flip or press .

your phone number

From the home screen, press   to see your number.

Tip: Want to see your phone number while you’re on a call? Press  > **My Tel. Numbers**.

You can edit the name and phone number stored on your SIM card. From the home screen, press  ,  select an entry, and press the **EDIT** key. If you don’t know your phone number, contact your service provider.

main attractions

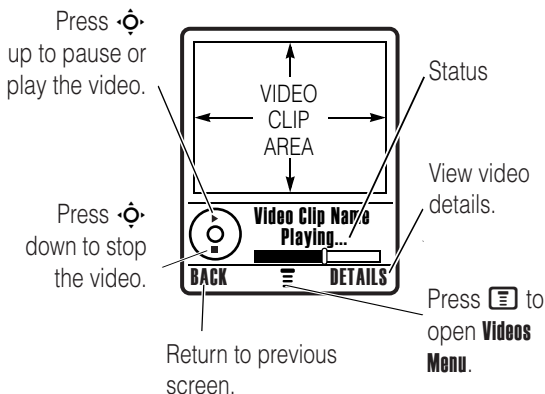
You can do much more with your phone than make and receive calls!

play videos

Find it: Press  > **Multimedia** > **Videos** > *video name*



The video clip plays:



To download a video with the micro-browser, see page 73.
You can also attach videos to multimedia messages.

multimedia messages

To create a group mailing list, see page 60. For more message features, see page 60.

send a multimedia message

A *Multimedia Messaging Service* (MMS) message contains pages with text and media objects (including pictures, animations, or sounds). You can send the multimedia message to other MMS-capable phones, and to email addresses.



Find it: Press  > **Create Message** > **New Multimedia Msg**

- 1 Press keypad keys to enter text on the page (for details about text entry, see page 31).

To insert a **picture, sound, or other object** on the page, press  > **Insert**. Select the file type and the file.

To insert **another page** in the message, enter text or objects on the current page and press

 > **Insert** > **New Page**. You can enter more text and objects on the new page.

- 2 When you finish the message, press the **SEND TO** key.
- 3 Choose one or more people for **Send To**:

To select a **phonebook entry**, highlight the entry and press the *center key* . Repeat to add other phonebook entries.

To **enter** a new number or email address, highlight **[New Number]** or **[New Email Address]** and press the *center key* .

4 To **send** the message, press the **SEND** key.

Before you send a message, press  to choose **Save to Drafts**, **Abort Message**, or open **Message Options** (such as message **Subject** or **CC** addresses).

receive a multimedia message

When you receive a multimedia message or letter, your phone plays an alert and the display shows **New Message** with a message indicator such as .



Press the **READ** key to open the message.

If a multimedia message contains media objects:

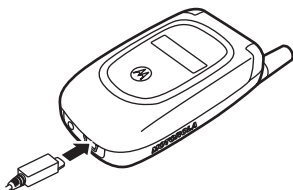
- Photos, pictures, and animations show as you read the message.
- A sound file plays when its slide shows. Use the volume keys to adjust the sound volume.

Note: In a multimedia letter, you may have to highlight an indicator in the text to play a sound file.

- Attached files are added to the end of the message. To open an attachment, highlight the file indicator/filename and press the **VIEW** key (image), **PLAY** key (sound), or **OPEN** key (phonebook vCard, datebook vCalendar entry, or unknown file type).

cable connections

 Your phone has a mini-USB port so you can connect it to a computer to transfer data. You can use data cables and supporting software on your computer to:



- Synchronize phonebook and datebook information between your phone and a computer or hand-held device.
- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data calls from your computer or handheld device.

Note: Motorola Original USB data cables and supporting software are sold separately. Check your computer or hand-held device to determine the type of cable you need. To **transfer data** between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information. To make **data and fax calls** through a connected computer, see page 69.



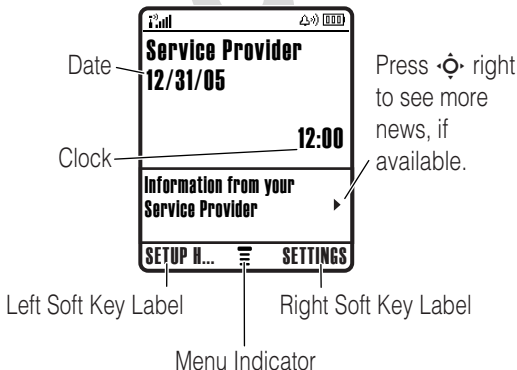
basics

See page 1 for a basic phone diagram.

display

The *home screen* shows when you turn on the phone. To dial a number from the home screen, press number keys and .

Note: Your home screen may look different from the one below, depending on your service provider.

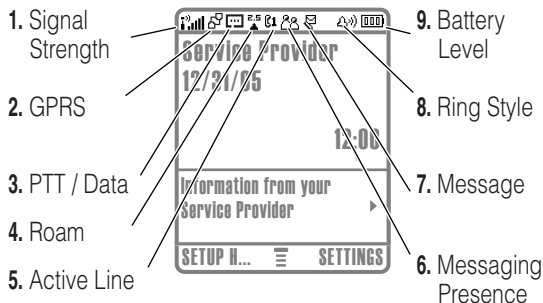


The *Menu Indicator*  shows that you can press  to open the menu. *Soft Key Labels* show the current soft key functions. For soft key locations, see page 1.

Your home screen might show news from your service provider at the bottom. To change this news view, press  > **Settings** > **Personalize** > **Home Screen**.



Status indicators can show at the top of the home screen:



1 Signal Strength Indicator – Vertical bars show the strength of the network connection. You can't make or receive calls when or shows.

2 GPRS Indicator – Shows when your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. Indicators show PDP context active or packet data available .

3 PTT / Data Indicator – Shows when you can make and receive PTT calls () or both PTT calls and Instant Messages (). Other indicators can include:

= secure packet data transfer

= unsecure packet data transfer

= secure application connection

= unsecure application connection

= secure *Circuit Switch Data* (CSD) call

= unsecure CSD call

- 4 Roam Indicator** – Shows when your phone is seeking or using a network outside your home network. Indicators can include:



= 2G home

= 2G roam

= 2.5G home

= 2.5G roam

- 5 Active Line Indicator** – Shows to indicate an active call, or to indicate when call forwarding is on. Indicators for dual-line-enabled SIM cards can include:



= line 1 active

= line 1 active, call forward on

= line 2 active

= line 2 active, call forward on

- 6 Messaging Presence Indicator** – Shows when Instant Messaging (IM) is active. Indicators can include:



= IM active

= available for IM

= busy

= invisible to IM

= available for phone calls

= offline

When a Java™ application is active, can show here.

- 7 Message Indicator** – Shows when you receive a new message. Indicators can include:



= text message

= voicemail message

= voicemail & text message

= IM message

= active chat session

8 Ring Style Indicator – Shows the ring style setting.

🔊 = loud ring

🔊🔊 = vibrate then ring

🔊🔊 = soft ring

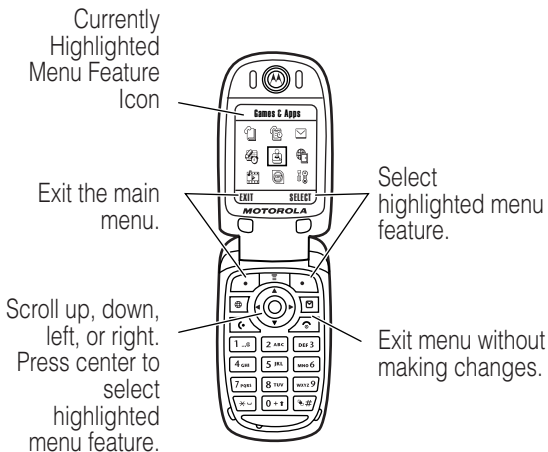
🔊 = silent

🔊 = vibrate

9 Battery Level Indicator – Vertical bars show the battery charge level. Recharge the battery when your phone shows **Low Battery**.

menus

From the home screen, press  to enter the main menu.

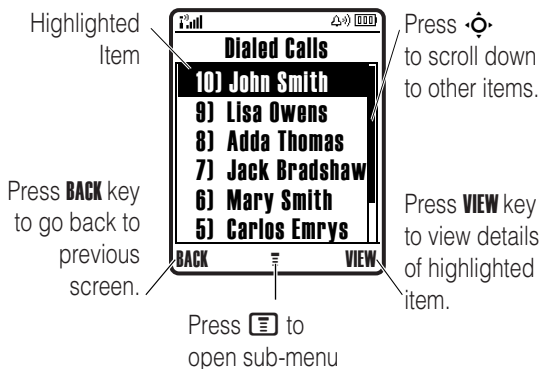


The following menu icons may be available, depending on your service provider and service subscription options.

menu features	
 Phonebook	 Web Access
 Recent Calls	 Multimedia
 Messages	 IM
 Tools	 Settings
 Games & Apps	 Chat

Note: Your *Instant Messaging (IM)* menu icon may be different from the icon in the table, depending on your service provider.

Some features require you to select an option from a list:



- Scroll up or down to highlight the option you want.

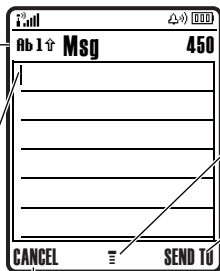
- In a numbered list, press a number key to highlight an option.
- In an alphabetized list, press a key repeatedly to cycle through its letters and highlight the closest matching list option.
- When an option has a list of possible settings, scroll left or right to select the setting.
- When an option has a list of possible numeric values, press a number key to set the value.

text entry

Some features let you enter text.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.



Press  to open sub-menu.

Press the **CANCEL** key to exit without making changes.

After you enter text, press the **SEND TO** key to enter recipients.

Press **#** in a text entry view to select an entry mode:

entry modes	
1 or 1	Your Primary text entry mode can be set to any iTAP™ 1 or tap 1 mode.
2 or 2	Your Secondary text entry mode can be set to any iTAP 2 or tap 2 mode, or set to None if you don't want a secondary entry mode.
12	Numeric mode enters numbers only.
@	Symbol mode enters symbols only.

To set your primary and secondary text entry modes, press **≡** > **Entry Setup** in a text entry view and select **Primary Setup** or **Secondary Setup**.

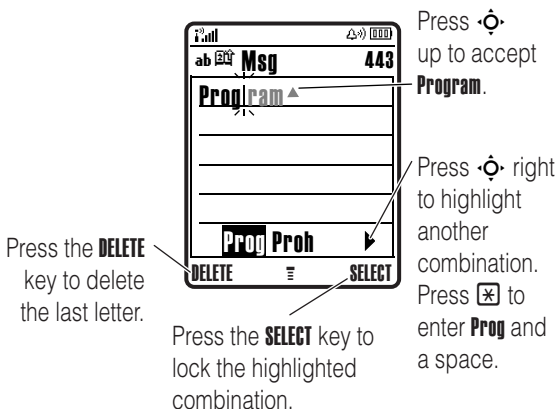
Tip: WANT TO SHOUT YOUR MESSAGE? Press **0** in a text entry view to change text case to all capital letters (**AB**), next letter capital (**Ab**), or no capitals (**ab**).

iTAP™ mode

Press **#** in a text entry view to switch to iTAP mode. If you don't see **1** or **2**, press **≡** > **Entry Setup** to set iTAP mode as your primary or secondary text entry mode.

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

For example, if you press **7 7 6 4**, your display shows:



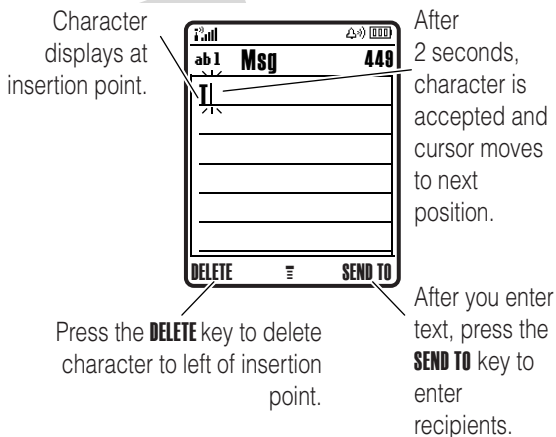
- If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining letters.
- To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to change back to iTAP mode.
- Press **1** to enter punctuation or other characters.

tap mode

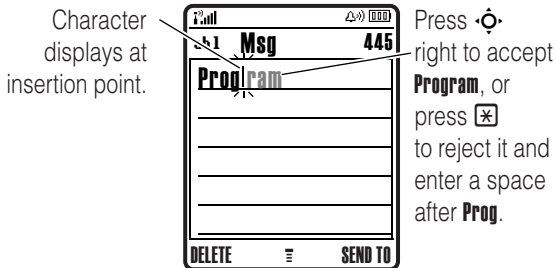
Press **#** in a text entry view to switch to tap mode. If you don't see **Ab 1** or **Ab 2**, press **≡ > Entry Setup** to set tap mode as your primary or secondary text entry mode.

To enter text in tap mode, press a keypad key repeatedly to cycle through the letters and number on the key. Repeat this step to enter each letter.

For example, if you press **8** one time, your display shows:



When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** your display might show:



- The first character of every sentence is capitalized. If necessary, press down to change the character to lowercase before the cursor moves to the next position.
- Press to move the flashing cursor to enter or edit message text.
- If you don't want to save your text or text edits, press to exit without saving.
- *Tap extended* mode cycles through additional special characters and symbols as you repeatedly press a keypad key.

numeric mode

Press in a text entry view until you see **12**. Press the number keys to enter the numbers you want.

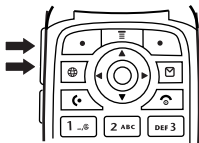
symbol mode

Press **#** in a text entry view until you see **@**. Press a keypad key to show its symbols at the bottom of the display. Highlight the symbol you want, then press the **SELECT** key.

volume

Press the volume keys to:

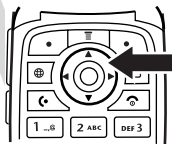
- turn off an incoming call alert
- change the earpiece volume during calls
- change the ringer volume from the home screen



Tip: Sometimes silence really is golden. That's why you can quickly set your ringer to **Vibrate** or **Silent** by holding the down volume key in the home screen.

navigation key

Press the *navigation key*  up, down, left, or right to scroll and highlight items in the display. When you highlight something, press the *center key*  to select it. The center key usually does the same thing as the right soft key.



external display

When your phone is closed, the external display shows the time and indicates phone status, incoming calls, and other events. For a list of phone status indicators, see page 27.

handsfree speaker

You can use your phone's handsfree speaker to make calls without holding the phone to your ear.

During a call, press the **SPEAKER** key to turn the handsfree speaker on. Your display shows **Spkrphone On** until you turn it off or end the call.

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

codes & passwords

Your phone's 4-digit **unlock code** is originally set to **1234**. The 6-digit **security code** is originally set to **000000**. If your service provider didn't change these codes, you should change them:

Find it: Press  > **Settings** > **Security** > **New Passwords**

You can also change your **SIM PIN** password.

If you forget your unlock code: At the **Enter Unlock Code** prompt, try entering 1234 or the last four digits of your phone number. If that doesn't work, press  and enter your 6-digit security code instead.

If you forget other codes: If you forget your security code, SIM PIN code, or PIN2 code, contact your service provider.

lock & unlock phone

You can lock your phone to keep others from using it. To lock or unlock your phone, you need the 4-digit unlock code.

To **manually lock** your phone: Press  > **Settings** > **Security** > **Phone Lock** > **Lock Now**.

To **automatically lock** your phone whenever you turn it off: Press  > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On**.

Note: You can make emergency calls on a locked phone (see page 47). A locked phone still rings or vibrates for incoming calls or messages, **but you need to unlock it to answer**.

customize

ring style

Each ring style profile uses a different set of sounds or vibrations for incoming calls and other events. Here are the profiles you can choose:

 Loud

 Vibrate

 Silent

 Soft

 Vibe then Ring

The ring style profile's indicator shows at the top of your home screen. To choose your profile:

Find it: Press  > **Settings** > **Ring Styles** > **Style:** *style name*

change alerts in a ring style

You can change the alerts for incoming calls and other events. Your changes are saved in the current ring style profile.

Find it: Press  > **Settings** > **Ring Styles** > **Style Detail**

Note: *Style* represents the current ring style. You can't set an alert for the **Silent** ring style setting.

- 1 Highlight **Calls** (or **Line 1** or **Line 2** for dual-line phones), then press the **CHANGE** key to change it.
- 2 Highlight the alert you want, then press the **SELECT** key.
- 3 Press the **BACK** key to save the alert setting.

Tip: If you want a ring that sets you apart, you can use an MP3 sound file. To download files, see page 73.

ring & event lights

Your phone has a light just below the external display that can pulse for incoming calls or messages, or while you charge your battery.



To set the light for your **incoming calls**, press  > **Settings** > **Ring Styles** > **Ring Lights**.

You can also turn the ring light on or off for calls from phonebook entries in a **Category** (see page 59).

To set the light for your **incoming messages and battery charging**, press  > **Settings** > **Ring Styles** > **Event Lights**.

time & date

Your phone needs the time and date for the datebook.

To **synchronize** the time and date with the network:

Press  > **Settings** > **Initial Setup** > **Time and Date** > **Autoupdate** > **On**.



To **manually** set the time and date, turn off **Autoupdate**, then:

Press  > **Settings** > **Initial Setup** > **Time and Date** > *time* or *date*.

To choose an **analog or digital** clock for your home screen, press  > **Settings** > **Personalize** > **Home Screen** > **Display** > **Clock**.

Note: If your home screen shows headlines from your service provider, it uses a digital clock. To choose an



analog clock, you must turn off the headlines. Press

 > **Settings** > **Personalize** > **Home Screen** > **Headlines** > **Off**.

wallpaper

Set a photo, picture, or animation as a wallpaper (background) image in your home screen.

Find it: Press  > **Settings** > **Personalize** > **Wallpaper**

options	
Picture	Select an image for your wallpaper, or None for no wallpaper.
Layout	Select Center to center the image in the display, Tile to repeat the image across the display, or Fit-to-screen to stretch the image across the display.

screen saver

Set a photo, picture, or animation as a screen saver. The screen saver shows when the flip is open and no activity is detected for a specified time.

Tip: This feature helps save your screen, but not your battery. To extend battery life, turn off the screen saver.

Find it: Press  > **Settings** > **Personalize** > **Screen Saver**

options	
Picture	Select an image for your screen saver, or None for no screen saver.
Delay	Select the length of inactivity before the screen saver shows.

display appearance

To choose the **colors** that your phone uses for indicators, highlights, and soft key labels: Press  > **Settings** > **Personalize** > **Color Style**.

To save battery life, your **backlight** turns off when you're not using your phone. The backlight turns back on when you open the flip or press any key. To set how long your phone waits before the backlight turns off:

Press  > **Settings** > **Initial Setup** > **Backlight**.

Note: To turn the backlight on or off for Java™ applications, press  > **Settings** > **Java Settings** > **App Backlight**.

To save battery life, the **display** can turn off when you're not using your phone. The display turns back on when you open the flip or press any key. To set how long your phone waits before the display turns off:

Press  > **Settings** > **Initial Setup** > **Display Timeout**.

answer options

You can use different ways to answer an incoming call. To turn on or turn off an answer option:

Find it: Press  > **Settings** > **In-Call Setup** > **Answer Options**

options	
Multi-Key	Answer by pressing any key.
Open to Answer	Answer by opening the flip.

calls

To make and answer calls, see page 21.

turn off a call alert

You can press the volume keys to turn off a call alert before answering the call.

recent calls

Your phone keeps lists of incoming and outgoing calls, even for calls that didn't connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press  from the home screen to see the dialed calls list.

Find it: Press  > **Recent Calls**

- 1 Highlight **Received Calls** or **Dialed Calls**, then press the **SELECT** key.
- 2 Highlight a call. A ✓ next to a call means the call connected.
 - To call the number, press .
 - To see call details (like time and date), press the **VIEW** key.
 - To see the **Last Calls Menu**, press . This menu can include:

options	
Store	Create a phonebook entry with the number in the No. field. Store does not appear if the number is already stored.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. This option shows only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 69). 

redial

- 1 Press  from the home screen to see the dialed calls list.
- 2 Highlight the entry you want to call, then press .

If you hear a **busy signal** and you see **Call Failed, Number Busy**, you can press  or the **RETRY** key to redial the number. When the call goes through, your phone



rings or vibrates one time, shows **Redial Successful**, and connects the call.

return a call

Your phone keeps a record of your unanswered calls, and shows **X Missed Calls**, where **X** is the number of missed calls.

- 1 Press the **VIEW** key to see the received calls list.
- 2 Highlight the call you want to return, then press .

notepad

The last set of digits entered on the keypad are stored in *notepad* memory. This can be the last phone number you called, or a number that you “jot down” during a call for later use. To see the number stored in the notepad:

Find it: Press  > **Recent Calls** > **Notepad**

- To call the number, press .
- To create a phonebook entry with the number in the **No.** field, press the **STORE** key.
- To open the **Dialing Menu** to attach a number or insert a special character, press .

hold or mute a call

Press  > **Hold** to put all active calls on hold.

Press  > **Mute** to put all active calls on mute.

call waiting

When you're on a call, you'll hear an alert if you receive a second call.



Press  to answer the new call.

- To switch between calls, press the **SWITCH** key.
- To connect the two calls, press the **LINK** key.
- To end the call on hold, press  > **End Call On Hold**.

To turn the call waiting feature on or off:

Find it: Press  > **Settings** > **In-Call Setup** > **Call Waiting**

caller ID

Calling line identification (caller ID) shows the phone number for an incoming call in your external and internal displays.



Your phone shows the caller's name and picture when they're stored in your phonebook, or **Incoming Call** when caller ID information isn't available.

You can set your phone to play a different ringer ID for an entry stored in your phonebook (see page 57).

To show or hide **your phone number** from the next person you call, enter the phone number and press

 > **Hide ID/Show ID**.

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed 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 Press the keypad keys to dial the emergency number.
- 2 Press  to call the emergency number.

international calls

If your phone service includes international dialing, press and hold  to insert your local international access code (indicated by +). Then, press the keypad keys to dial the country code and phone number.



1-touch dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second.

You can set 1-touch dial to call the entries in your phone's memory phonebook, your SIM card's phonebook, or your Fixed Dial list:

Find it: Press  > **Settings** > **Initial Setup** > **1 Touch Dial**
> **Phone, SIM, or Fixed Dial**

To add a new phonebook entry, see page 56. To edit the **Speed No.** for a phonebook entry, press  > **Phonebook**, highlight the entry, and press  > **Edit**.

voicemail

Your network stores the voicemail messages you receive. To listen to your messages, call your voicemail number.



Note: Your service provider may include additional information about using this feature.

When you **receive** a voicemail message, your phone shows the voicemail message indicator  and **New Voicemail**. Press the **CALL** key to listen to the message.

To **check** voicemail messages:

Find it: Press  > **Voicemail**

Your phone may prompt you to store your voicemail phone number. If you don't know your voicemail number, contact your service provider.

Note: You can't store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

push to talk (PTT)

Push to Talk (PTT) lets you talk walkie-talkie style with other PTT subscribers. You can talk to one person or a group.

PTT and the other related features indicated are network and subscription dependent features, and are not available in all areas. PTT connectivity requires PTT-compatible phones.



Note: To lock your PTT key or turn PTT on or off, see page 52.

make a PTT call

When  shows at the top of your home screen, you can make and receive PTT calls. To make a PTT call:

- 1 Enter a PTT subscriber's phone number in your home screen, or select a contact or group from a list:
 - **PTT Contacts** (press the PTT key to open the list)
Note: If you change your **Open To** setting, your PTT key does not open the contacts list (see page 52).
 - **PTT Quick Group** (press the PTT key and  > **PTT Quick Group**)
This lets you select more than one contact for the call.
 - **PTT Groups** (press the PTT key and  > **PTT Groups**)
- 2 Hold the PTT key and speak after you hear the tone. Release the PTT key to let others speak.

To speak during a PTT call, hold your PTT key and speak after the tone. Only one person can speak at a time.

To end the call, press . If nobody speaks for 20 seconds, the call ends.

To send a PTT alert instead of a standard PTT call, highlight a PTT contact in **PTT Contacts** and press the **ALERT** key. The contact's phone rings or vibrates, and the contact can speak first. If the contact does not respond, the call ends. You cannot send alerts to groups.

answer a PTT call

When you receive a PTT call, you hear a tone or alert followed by conversation from the caller.

- **To speak** when the caller stops speaking, hold your PTT key and speak after the tone. Only one person can speak at a time.
- **To end the call**, press .

If you change your **My Answer Mode** setting, your phone does not automatically answer as described (see page 52).

When you receive a PTT alert, press the PTT key and speak after the tone. You can also press the **IGNORE** key to cancel the call.

Your phone shows **Missed Call** if you miss a PTT alert. It does not show **Missed Call** when you miss a standard PTT call unless you set **My Answer Mode** to **Manual** (see page 52).

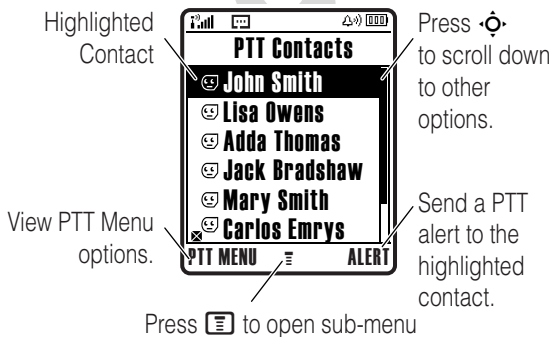
PTT contacts and groups

You can store PTT **Contacts** to make one-to-one calls, or you can store PTT **Groups** to make group calls.

To store a contact, press **PTT key**  > **Add**. Enter the contact's **Name** and phone number (**No.**), then press the **DONE** key. Your network stores the contact and your phone returns to the **PTT Contacts** list with the new contact shown.

To create a group of contacts that you can call at the same time, press **PTT key**  > **PTT Groups**  > **Create New Group**. Enter the group's **Name** and select the **Members**, then press the **DONE** key. Your network stores the group and your phone returns to the **PTT Groups** list with the new group shown.

To see PTT contacts, press the PTT key. Scroll to a contact and press  to **View**, **Edit**, or **Delete** it.



To see PTT groups, press the PTT key and  > **PTT Groups**. Scroll to a group and press  to **View** or **Delete** it. You cannot edit a group, but you can delete it and create a new one with the members you want.

Icons in the PTT contact and group lists indicate if someone is online (☺, ☺) or offline (☹, ☹). They also tell you if a contact is blocked (☹) (highlight the contact and press ☰ > **Block** or **Unblock**).

To set an **online alert** (🔔) to tell you when a contact comes online, highlight the contact and press ☰ > **Enable Online Alert**. You can turn online alert tones on or off in your **PTT Setup** menu (see page 52).

To refresh the contact or group list from your network, press ☰ > **Refresh List**.

To see only your frequently used contacts or groups, press ☰ > **Frequently Used**.

PTT settings

To **turn PTT on or off** from your home screen, press ☰ > **Settings** > **PTT Settings** > **PTT Service** > **On/Off**.

To prevent accidental PTT calls, you can set your phone to **lock the PTT key** automatically when you haven't pressed it for a few minutes and your phone is closed. Press ☰ > **Settings** > **Security** > **Lock PTT Key** and select how long your phone should wait before it locks the key. To unlock the key, hold it for 2 seconds or open the phone. The PTT key unlocks when you receive a PTT call.

You can change your PTT menu and call preferences.

Find it: Press **PTT key** ☰ > **PTT Setup** > **PTT Personalize**

options	
Open To	From the home screen, the PTT key can open the PTT menu (Main Menu), or your contacts list sorted by name (Top of List), or most recent call (Last Call).
Sort by	Sort your contacts and groups by Name , online Status , or call Frequency .
My Answer Mode	Set the mode for incoming PTT calls to Manual (press the PTT key to answer), Auto-Accept (standard mode that accepts all calls), or Do Not Disturb (accepts no calls).
Tone Volume	Set the volume for the tone you hear when it is your turn to speak.
PTT Speaker	Turn the speakerphone On or Off for PTT calls.
Set Online Alert Tone	You can set an online alert to tell you when a contact or group comes online (highlight the entry in your PTT Contacts or PTT Groups and press  > Enable Online Alert). This setting tells your phone whether to play these alert tones (On) or not (Off).

other features

advanced calling

features		
conference call	During a call: Dial next number, press  , press the LINK key.	
transfer a call	During a call:  > Transfer , dial transfer number, press 	
attach a phone number	Dial an area code or prefix for a phonebook number, then:  > Attach Number	
speed dial	Speed dial a phonebook entry: Enter the speed dial number, press  , then press  .	
	To add a phonebook entry, see page 56. Tip: If you forget Aunt Mildred's speed dial number, press  > Phonebook , highlight her entry, and press the VIEW key.	
call forwarding	Set up or cancel call forwarding:  > Settings > Call Forward	

features		
restrict calls	Restrict outgoing or incoming calls:  > Settings > Security > Restrict Calls	
call barring	Restrict outgoing or incoming calls:  > Settings > Security > Call Barring	
TTY calls	Set up your phone for use with an optional TTY device:  > Settings > Initial Setup > TTY Setup	
change phone line	If you have a dual-line-enabled SIM card, you can change your line to make and receive calls from your other phone number.  > Settings > Phone Status > Active Line The active line indicator shows the active phone line (see page 28).	
fixed dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list. Turn fixed dialing on or off:  > Settings > Security > Fixed Dial Use the fixed dial list:  > Tools > Dialing Services > Fixed Dial	
quick dial	Dial preprogrammed phone numbers:  > Tools > Dialing Services > Quick Dial	

features

DTMF tones

Activate DTMF tones:

 > **Settings** > **Initial Setup** > **DTMF**

To send DTMF tones during a call, just press number keys or highlight a number in the phonebook or recent calls lists and press  > **Send Tones**.

phonebook

features

add new entry  > **Phonebook**  > **New** > **Phone Number** or **Email Address**

Shortcut: Enter a phone number in the home screen, then press the **STORE** key to create an entry for that number.

Tip: One phone isn't enough for some people. When creating a phonebook entry, select **MORE** to store another number for the same **Name**.

dial number

Call a number stored in the phonebook:

 > **Phonebook**, highlight the phonebook entry, press 

Shortcut: In the phonebook, press keypad keys to enter the first letters of an entry name, then press the **SEARCH** key to jump to the entry.

features	
record a voice name	When creating a phonebook entry, highlight Voice Name and press the RECORD key. Press the RECORD key again and say the entry's name (within 2 seconds). When prompted, press the RECORD key and repeat the name. Note: The Voice Name option isn't available in entries stored on the SIM card.
voice dial number	Voice dial a number stored in the phonebook:  > Tools > Dialing Services > Voice Dial When prompted, say the entry's voice name (within 2 seconds). Tip: If you use Voice Dial a lot, you can create a shortcut to it. Highlight Voice Dial, then press and hold . To use the shortcut, press  and the shortcut key number.
set ringer ID for entry	Assign a ring alert (ringer ID) to an entry:  > Phonebook > <i>entry</i>  > Edit > Ringer ID > <i>ringer name</i> Note: The Ringer ID option isn't available in entries stored on the SIM card. Activate ringer IDs:  > Settings > Ring Styles > <i>style Detail</i> > Ringer IDs

features	
set picture ID for entry	Assign a photo or picture to show when you receive a call from an entry:  > Phonebook > <i>entry</i>  > Edit > Picture > <i>picture name</i> Note: The Picture option isn't available in entries stored on the SIM card.
set picture ID view	Show entries as a text list, or with picture caller ID photos:  > Phonebook  > Setup > View by > <i>view name</i>
set category for entry	 > Phonebook > <i>entry</i>  > Edit > Category > <i>category name</i> Note: The Category option isn't available in entries stored on the SIM card.
set category view	 > Phonebook  > Categories > <i>category view</i> You can show All entries, entries in a predefined category (Business, Personal, General, VIPs), or entries in a category you create.

features

set category light ID

Turn on or off the ring light for calls from entries in a category:

 > **Phonebook**  > **Categories**, highlight the category, press  > **Edit** > **Light ID**

For more about ring lights, see page 40.

Note: The **Category** option isn't available in entries stored on the SIM card.

set primary number or address

Set the primary number for an entry with multiple numbers:

 > **Phonebook**, highlight the entry, press  > **Set Primary** > *number* or *address*

Note: The **Set Primary** option isn't available in entries stored on the SIM card.

Tip: In **Primary** number view mode, you can still peek at other numbers stored for the same name. Highlight the name and press  left or right to see the other numbers.

features

create group mailing list

You can put several phonebook entries in a group mailing list, then send a multimedia message to the list. To create a list:

 > **Phonebook**  > **New** > **Mailing List**

You can select the list name as an address for multimedia messages.

Note: A **Mailing List** cannot include entries stored on the SIM card.

sort phonebook list

Set the order in which entries are listed:

 > **Phonebook**
 > **Setup** > **Sort by** > *sort order*

You can sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**. When sorting by name, you can see **All** numbers or just the **Primary** number for each name.

copy phonebook entry

Copy an entry from the phone to the SIM card, or from the SIM card to the phone:

 > **Phonebook**, highlight the entry, press  > **Copy** > **Entries** > **To**

messages

For basic multimedia message features, see page 23.

features		
send text message	 > Create Message > New Short Msg	
send voice message	 > Create Message > New Voice Msg To record the voice message, press the RECORD key, speak, then press the STOP key. Your phone inserts the voice recording into a message and lets you enter email addresses or phone numbers to receive the message.	
use a multimedia template	Open a multimedia message with preloaded animations:  > Create Message > MMS Templates	
read messages	 > Message Inbox Icons next to each message indicate if it is read  or unread  . Icons can also indicate if the message is locked  , urgent  , low priority  , or has an attachment  . To see message options like Lock or Delete , highlight a message and press  .	
store message objects	Go to a multimedia message page, or highlight an object in a letter, then:  > Store	

features		
store text messages on your SIM card	To store incoming text messages on your SIM card, press:   > Inbox Setup > Text Msg Setup > Store To > SIM	
browser messages	Read messages received by your micro-browser:  > Browser Msgs	
info services	Read subscription-based information services messages:  > Info Services	

instant messaging

features		
log in	 > IM > Log In	
add contacts	After you log in: Select Contact List > Add Contact and enter the contact's IM ID and nickname.	
find others online	After you log in: Select Contact List to see a list of others online.	
start conversation	From your Contact List , highlight a name in Online Contacts , press the SEND IM key.	

features		
open active conversation	From your Contact List , highlight a name in Conversations , press the VIEW key.	
end conversation	From the conversation view:  > End Conversation	
log out	Select Log Out from the IM Online menu.	
create or change IM accounts	 > IM > IM Account Select an IM account, or select New to create a new IM account.	
log in automatically	 > IM > Offline Settings Turn on Auto-Login to start the IM login whenever you select  > IM . Turn on Power-On Login to start the IM login whenever you turn on your phone.	
hide your online status	When you log in, other users can see you are Online . To change your status in IM, press  > My Status > Away or Invisible .	
block contacts	To block instant messages from a contact, highlight the contact in the Contact List and press  > Block Contact . You must be online to block a contact. Blocked contacts will not appear in your Contact List .	

features		
set alerts for contacts	When a special contact comes online, your phone can ring or vibrate. Highlight the contact in the Contact List and press  > Set Online Alert .	
set IM ring style	Select a ring or vibration for new IM messages and contact alerts.  > Settings > Ring Styles > <i>style Detail</i> > IM	

chat

features		
start chat	 > Tools > Chat  > New Chat	
receive chat request	Press the ACCEPT key or the IGNORE key.	
end chat	During a chat session:  > End Chat	

personalizing

features		
language	Set menu language:  > Settings > Initial Setup > Language	
scroll	Set the highlight bar to stop or wrap around in menu lists:  > Settings > Initial Setup > Scroll	

features	
activate ringer IDs	Activate ringer IDs assigned to phonebook entries and categories:  > Settings > Ring Styles > <i>style Detail</i> > Ringer IDs
ring volume	 > Settings > Ring Styles > <i>style Detail</i> > Ring Volume
keypad volume	 > Settings > Ring Styles > <i>style Detail</i> > Key Volume
reminders	Set reminder alerts for messages that you receive:  > Settings > Ring Styles > <i>style Detail</i> > Reminders
headlines	If your home screen shows scrolling headlines from your service provider, you can turn them off:   > Settings > Personalize > Home Screen > Headlines In the Home Screen menu, you can also add or change headline channels.
menu view	Show the main menu as graphic icons or as a text-based list:  > Settings > Personalize > Main Menu > View
main menu	Reorder your phone's main menu:  > Settings > Personalize > Main Menu > Reorder

features	
show/hide menu icons	Show or hide menu feature icons in the home screen:  > Settings > Personalize > Home Screen > Home Keys > Icons Note: This option is not available if your home screen shows scrolling headlines from your service provider. 
change home keys	Change the features for the soft keys and navigation key in the home screen:  > Settings > Personalize > Home Screen > Home Keys Note: This option is not available if your home screen shows scrolling headlines from your service provider. 
shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold . Use a shortcut: Press , then press the shortcut number.
master reset	Reset all options except unlock code, security code, and lifetime timer:  > Settings > Initial Setup > Master Reset

features

master clear

Erase all downloaded files and clear all settings and entries you made **except** SIM card information, unlock code, security code, and lifetime timer:

 > Settings > Initial Setup > Master Clear

Caution: Master clear **erases all information you have entered** (including phonebook and datebook entries) **and content you have downloaded** (including photos and sounds) stored in your phone's memory. After you erase the information, you can't recover it.

call times & costs

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, contact your service provider.

features

call times

Show call timers:

 > Recent Calls > Call Times



features		
in-call timer	Show time or cost information during a call:  > Settings > In-Call Setup > In-Call Timer	
call cost	Show call cost trackers:  > Recent Calls > Call Cost	

handsfree

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

features		
speakerphone	Activate the speakerphone during a call: Press the SPEAKER key (if available, or  > Spkrphone On).	
auto answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset:  > Settings > Car Settings or Headset > Auto Answer	
voice dial (headset)	Enable voice dial with headset send/end key:  > Settings > Headset > Voice Dial	
auto handsfree (car kit)	Automatically route calls to a car kit when connected:  > Settings > Car Settings > Auto Handsfree	

features		
power-off delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off:	
	 > Settings > Car Settings > Power-Off Delay	
charger time (car kit)	Charge the phone for a specified time after the ignition is switched off:	
	 > Settings > Car Settings > Charger Time	

data & fax calls

To connect your phone with a USB cable, see page 25.

features		
send data or fax	Connect your phone to the device, then place the call through the device application.	
receive data or fax	Connect your phone to the device, then answer the call through the device application.	
talk then fax	Connect your phone to the device, enter fax number, press  > Talk then Fax , then press  to make the call.	

features

using sync

You can call an Internet server and synchronize your phonebook and datebook entries with the server.



To **set up** an Internet sync partner, press  > **Settings** > **Sync** > **[New Entry]**. Enter the server details, including **Server URL** (you can omit **http://**) and **Data Path** (the folder below the URL where your data is stored).

To **synchronize files** with a partner you set up, select the partner from the list in  > **Settings** > **Sync**.

network

features

network settings

See network information and adjust network settings:



 > **Settings** > **Network**

personal organizer

features

set alarm

 > **Tools** > **Alarm Clock**

features	
turn off alarm	When an alarm happens: To turn off the alarm, press the DISABLE key or . To set an 8 minute delay, press the SNOOZE key.
add new datebook event	 > Tools > Datebook, highlight the day, press , press  > New
see datebook event	See or edit event details:  > Tools > Datebook, highlight the day, press , press the VIEW key
event reminder	When an event reminder happens: To see reminder details, press the VIEW key. To close the reminder, press the EXIT key.
calculator	 > Tools > Calculator
currency converter	 > Tools > Calculator  > Exchange Rate Enter exchange rate, press the OK key, enter amount, and press  > Convert Currency.

security

features	
SIM PIN	Lock or unlock the SIM card:  > Settings > Security > SIM PIN Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your display shows SIM Blocked.
lock feature	 > Settings > Security > Lock Application
manage certificates	Enable or disable Internet access certificates stored on your phone:   > Settings > Security > Certificate Mgmt Certificates are used to verify the identity and security of Web sites when you download files or share information.

fun & games

Note: A lock () icon next to a picture, sound, or other object means that you cannot send or copy it.

features	
manage pictures	Manage photos, pictures, and animations:   > Multimedia > Pictures
manage video clips	 > Multimedia > Videos

features	
manage sounds	Manage ring tones and music that you have downloaded or composed:  > Multimedia > Sounds
create ring tones	Create ring tones that you can use with your phone:  > Multimedia > Sounds > [New iMelody]
start micro-browser	Just press . 
download objects from Web page	Download a picture, sound, or other object from a Web page:  Press , go to the page that links to the file, highlight the link, and select it. Note: Normal airtime and/or carrier usage charges apply.
Web sessions	Select or create a Web session:   > Web Access > Web Sessions
download game or application	You can download a Java™ game or application the same way you download pictures or other objects:  Press , go to the page that links to the file, highlight the link, and select it. Note: Normal airtime and/or carrier usage charges apply.

features

start game or application

Start a Java™ game or application:



 > **Games & Apps**, highlight the game or application, press the **SELECT** key

service and repairs

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

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

Specific Absorption Rate Data

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

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

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg^1 . Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.15 W/kg , and when worn on the body, as

described in this user guide, is 0.60 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

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

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

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

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

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

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

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

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

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

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

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

Software

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

Exclusions

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

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

Who Is Covered?

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

What Will Motorola Do?

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

How to Obtain Warranty Service or Other Information

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

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

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DRAFT

index

A

accessories 17, 68
accessory connector port 1
active line indicator 28
active line, changing 55
alarm clock 70, 71
alert
 lights 40
 set 36, 39
 turn off 36, 43
animation 72
answer a call 21, 42
attach a number 44, 54

B

backlight 42
banners 65
battery 18, 19
battery indicator 29
battery life, extending 19,
 41, 42
browser messages 62
browser. See micro-browser

C

cables 25
calculator 71

call

 answer 21, 42
 end 21
 make 21, 56
call barring 55
call forward indicator 28
call forwarding 54
call timers 67, 68
call waiting 46
caller ID 44, 46, 58
car kit 68
center key 1, 36
certificate management 72
chat 64
clock 40
codes 37, 38
color 42
conference call 54
costs, tracking 68

D

data call 69
data indicator 27
date, setting 40
datebook 71
dial a phone number 21, 55,
 56

dialed calls 43
display 26, 42
download media objects
 61, 73
drafts folder 24
DTMF tones 44, 56

E

earpiece volume 36
email address 56
emergency number 47
end a call 21
end key 1, 21
Enter Unlock Code
 message 37
event lights 40
external display 37

F

fax call 44, 69
fixed dial 55
flip 21, 42
forward calls 54

G

games 73
GPRS indicator 27
group mailing list 60

H

handsfree speaker 37
headlines 65
headset 68
headset jack 1
hold a call 45
home screen 26, 66

I

IM 62
IM indicators 28
in-call indicator 28
Incoming Call message 46
information services 62
instant messaging. See IM
international access code
 47
iTAP text entry mode 32

J

Java applications 73
Java indicator 28

K

keypad 42, 65

L

language 64
light 40
light ID 59

lock

application 72

phone 38

SIM card 72

Low Battery message 29

M

make a call 21, 56

master clear 67

master reset 66

menu 29, 64, 65

menu icons 30, 65, 66

menu indicator 26

menu key 1, 17

message 61, 62

message indicator 24, 28

message reminders 65

micro-browser 62, 73

Missed Calls message 45

MMS, defined 23

MP3 sound files 40

multimedia message 23,
61, 62

music 73

mute a call 45

N

navigation key 1, 17, 36

network settings 70

news 26, 65

notepad 45

number. See phone number

numeric entry mode 35

O

1-touch dial 47

open to answer 42

optional accessory 17

optional feature 17

P

passwords. See codes

personalize 64

phone number 21, 55, 56

phonebook 44, 47, 54, 56

photo 72

picture 72

picture ID 46, 58

PIN code 20, 37, 72

PIN2 code 37

power key 1, 20, 21

PTT 49

calls, answering 50

calls, making 49

contacts and groups 50

icons 52

indicator 27

locking key 52

Quick Groups 49

settings 52

turning on or off 52

Push to Talk. See PTT

Q

quick dial 55

R

received calls 43

recent calls 43

redial 44

reminders 65

restrict calls 55

return a call 45

ring lights 40

ring style indicator 29

ring style, setting 36, 39

ring tone 73

ringer ID 46, 57, 65

ringer volume 36, 65

roam indicator 28

S

screen saver 41

security code 37

send key 1, 21

shortcuts 66

signal strength indicator 27

SIM 62

SIM Blocked message 21,
72

SIM card 17, 20, 37, 72

soft keys 1, 26, 66

speakerphone 68

speed dial 54

store your number 21

symbol entry mode 36

synchronizing 70

T

tap text entry mode 33

telephone number. See
phone number

text entry 31

text message 61, 62

time, setting 40

timers 67, 68

transfer a call 54

TTY device 55

turn on/off 20

U

unlock

application 72

phone 20, 37, 38

SIM card 72

unlock code 37, 38

USB cables 25

V

video clip 72

videos 22

voice dial 57, 68

voice message 61

voice name, recording 57

voicemail 48
voicemail message indicator
28, 48
volume 36, 65

W

wallpaper 41
warranty 78
Web pages 73
Web sessions 73

Y

your phone number 21

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