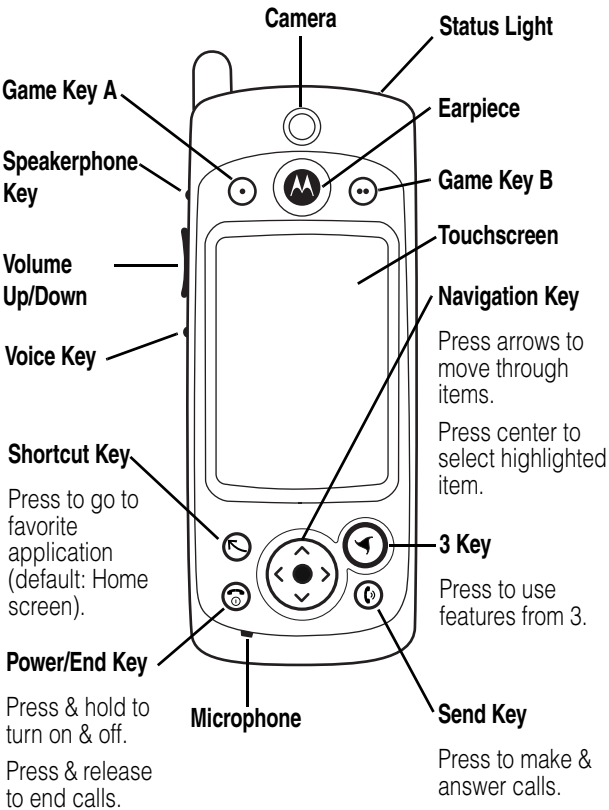
INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

Welcome

This user's guide introduces you to the many features in your A920 multimedia communicator.



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Personal Communications Sector
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Safety and General Information

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

The information provided in this document supersedes the general safety information contained in user guides published prior to July 2000. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

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.

RF Operational Characteristics

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The phone operates in the frequency range of XXX MHz to XXX MHz and employs digital modulation techniques.

When you communicate with your phone, the system handling your call controls the power level at which your phone transmits. The output power level typically may vary over a range from XXX to XXX watts. When you

communicate with your phone, the output power level is 1.0 watt.

Exposure To Radio Frequency Energy

Your Motorola phone is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 1999

To assure optimal phone performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Phone Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

DO NOT hold the antenna when the phone is "IN USE". Holding the 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 telephone. **Speak directly into the microphone.**

Body-Worn Operation

To maintain compliance with FCC/Health Canada RF exposure guidelines, if you wear a phone on your body when transmitting, 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 Motorola-supplied or approved body-worn accessories, and are not using the phone held in the normal use position, **ensure**

the phone and its antenna are at least one inch (2.5 cm) 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 one inch (2.5 cm) from the body.**

Approved Accessories

For a list of approved Motorola accessories visit our website at `www.mot.com`.

Electromagnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Advanced Medical Technology Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, the United States Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the phone more than six inches (15 centimeters) from their 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 the phone OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phone 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.

Safety and General Use While Driving

Check the laws and regulations on the use of phone 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.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings

For Vehicles With an Air Bag

Do not place a portable phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable 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.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas as “Intrinsically Safe.” 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, and any other area where you would normally be advised to turn off your vehicle engine. 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 two-way radio”. Obey all signs and instructions.

Operational Cautions

Antennas

Do not use any portable phone that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All 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 quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Getting Started

What's in the Box?

Your A920 multimedia communicator comes with:

- Rechargable battery
- Battery charger
- Desktop cradle
- Stylus
- Stereo headset with Send and End keys
- CD-ROM with computer synchronization software (A920 Desktop Suite), product manuals, and other product information and software
- Removable memory card
- USB cable (for connecting to computer)
- Regional power adapters
- Protective carrying case
- 3 welcome package (may not be available in all countries)
- Vehicle power adapter (may not be available in all countries)

Note: The communicator may not come with a removable memory card in all countries. If it is not included in the box, contact Motorola for how to buy a memory card.

You can customize your communicator for maximum performance and portability. To buy Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

For more information, visit:

`www.motorola.com` (United States)

`www.motorola.ca` (Canada)

About this Guide

This user's guide describes the most popular features in your multimedia communicator. A reference guide is available on the provided CD-ROM. The reference guide describes additional features that are not described in the user's guide.

Optional Features

Features marked with this label are optional network and/or subscriber-dependent. They may not be offered by all service providers in all geographical areas. Contact your service provider for availability.

Optional Accessories

Features marked with this label require an optional Motorola Original™ accessory.

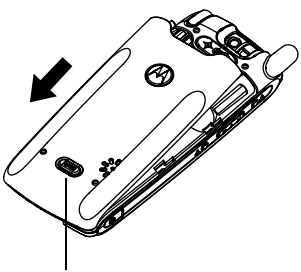
Installing the USIM Card

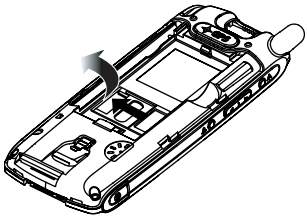
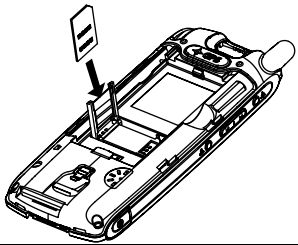
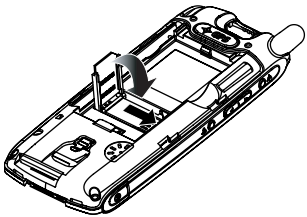
Your USIM (Universal Subscriber Identity Module) card contains your phone number, service details, and memory for storing phone numbers and messages.

Caution: Do not bend or scratch your USIM card, and avoid exposing it to static electricity, water, or dirt.

Do This

1 Push down release latch, slide back cover down, and remove.

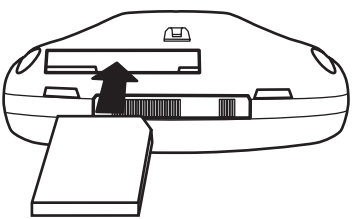


Do This	
2 Slide USIM card door to the left and lift open.	
3 Insert USIM card into tray (notch in upper right corner, gold plate down).	
4 Close USIM card door and slide to right to lock.	

Installing the Memory Card

The memory card lets you store multimedia files, such as audio clips, pictures, and video clips.

Do This	
1	If back cover is on, remove it as described in “Installing the USIM Card” on page 17.
2	Insert memory card into card slot with notch in upper right corner. Push card completely into slot until it locks.

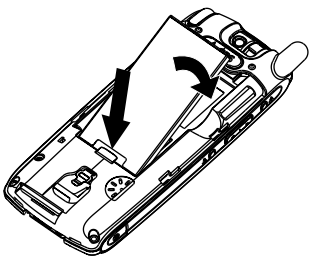
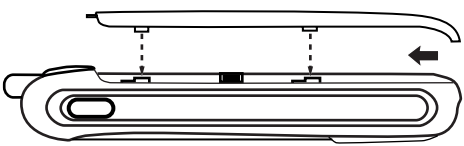


If you need to remove the memory card, push it into the slot until it unlocks. Then slide it out.

Installing the Battery

You must install and charge the battery to use your communicator.

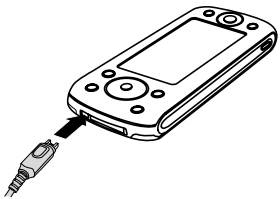
Use only Motorola Original batteries and accessories. Store batteries in their protective cases when not in use.

Do This	
1	Remove the battery from its protective clear plastic case.
2	If back cover is on, remove it as described in “Installing the USIM Card” on page 17.
3	Insert the battery under the tab and push down. 
4	Replace back cover and slide into place. 

Charging the Battery

New batteries are partially charged, so you must charge them before you can use your communicator. Some

batteries perform best after several charge/discharge cycles.

Do This	
1 Plug the charger in with the release tab up.	
2 Plug the other end of the charger into an electrical outlet. While the battery is charging, **Charging Battery** and the battery's current charge level (**Very Low** to **High**) displays on the screen.	
3 When **Charging Complete** displays, press the release tab and remove the charger. The typical time needed to fully charge the battery is 3 hours.	

Battery Use

Battery performance depends on your wireless carrier's network configuration; signal strength; temperature; features and settings you select and use; and your voice, data, and other application use.

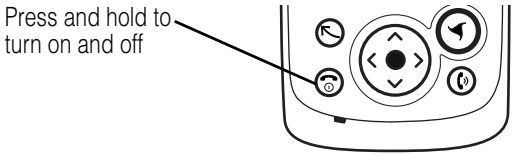
Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The warranty does not cover damage caused by using non-Motorola batteries and/or battery chargers.
  - New batteries or batteries stored for a long time may require a longer charge time.
- Charge the battery at or near room temperature.
- Do not expose batteries to temperatures below -10° C (14° F) or above 45° C (113° F). Always take your communicator with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- With extended use, batteries gradually wear down and require longer charging times. This is normal. If you charge a battery regularly and notice a decrease in talk time or an increase in charging time, it is probably time to buy a new one.

Dispose of rechargeable batteries properly. You may need to recycle them. Refer to your battery's label for battery type, and contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

Turning Your Communicator On



After you turn the communicator on, your personal home page displays after the startup sequence. See “Home Screen” on page 36 to learn more about this screen.

Setting up Your Communicator

When you turn on the communicator for the first time, it prompts you to:

- Select language
- Enter current time and date
- Calibrate the screen for accurate screen taps

See “Customizing Communicator Settings” on page 60 for other ways to customize your communicator.

Making and Answering Calls

This section describes the basic calling features. For more features, see “Calling Features” on page 38.

To make and answer calls, your communicator must:

- be turned on
- have a USIM card installed

- have a network connection with adequate signal strength

Making a Call

Do This	
1	Press . A list of the most recently dialed phone numbers displays.
2	To dial one of the displayed phone numbers, press (up and down arrows) to highlight the number and press (center key) to dial. To dial a different phone number, use the provided stylus to tap **Keypad** at the bottom of the screen. A dialing keypad displays.
3	Tap the number you want to dial on the keypad.
4	Press to make the call.
5	To end the call, press .

Answering a Call

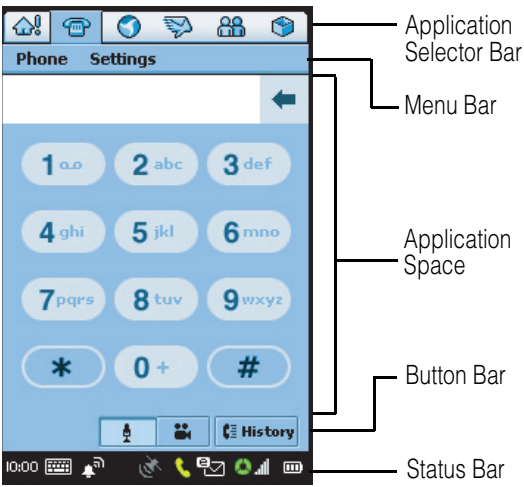
When you receive a call, the communicator rings or vibrates (unless set to Silent mode).

Do This	
1	Press to answer the call.
2	To end the call, press .

Using Your Communicator

See page 1 for a description of your communicator's components.

Communicator Display

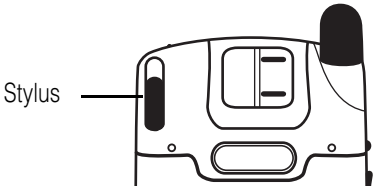


Application Selector Bar	Shows six icons that allow easy access to commonly used applications.
Menu Bar	Shows menus for the open application.
Application Space	Shows the open application.

Button Bar	Shows buttons you can select in the open application.
Status Bar	Shows communicator status information.

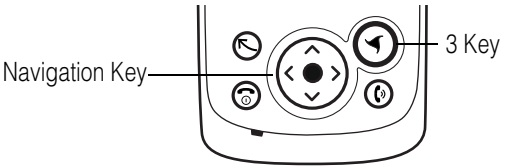
Using Touchscreen Control

You can use all of the features by tapping on icons, text, and on-screen buttons with the provided stylus. One tap selects an item. The stylus fits in a storage compartment on the back of the communicator.



Using Navigation Key

Instead of using the stylus, you can use the Navigation key (⊙). Press the four arrows to highlight an item on the screen. Press the center key to select the highlighted item.



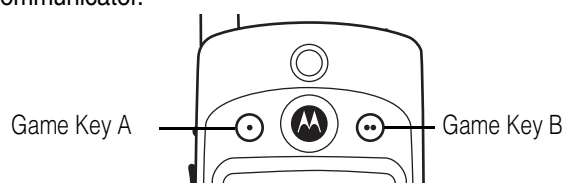
Note: This guide describes how to use touchscreen control to use the features. In most cases, it does not include the equivalent Navigation key for using the feature.

Using 3 Key

The 3 key (⊙) provides access to unique features from 3. See the 3 welcome package for more about these features.

Using Game Keys

The communicator has two Game keys. You can use these keys to play games that you install on the communicator.



In addition to playing games, you can also use these keys as follows:

Game Key A

In many communicator applications, you can press Game key A (⊙) to open the first (leftmost) menu in the menu bar. Press ⊙ again to close the menu.

Game Key B

Use Game key B (⊙) in conjunction with the Shortcut key (⊘) to lock the communicator. See “Locking and Unlocking Communicator” on page 97 for instructions.

Opening Applications

Your communicator has many built-in applications for communications, personal organization, and entertainment. Every application has an associated icon.

You can open an application in the following ways:

- Select one of the icons in the Application Selector bar at the top of the screen. These shortcuts are always visible on the screen.
  - Select . The Application Launcher displays, showing icons of all of your communicator's applications. Select the application you want to open.
- Press (Shortcut key) to open your favorite application. The default application is the Home screen. See "Setting Shortcut Key" on page 61 for how to assign a different application to this key.

You don't have to close applications — just open the next one. Changes or entries are always automatically saved.

The following icons open the communicator applications:

Agenda
(see page 64)

Messaging
(see page 47)

Calculator
(see page 75)

Phone
(see page 38)

Connect to PC
(see page 96)

Time
(see page 71)

Contacts
(see page 54)

To Do
(see page 67)

Control Panel
(see page 60)

Voice
(see page 69)

Jotter
(see page 71)

Web
(see page 76)

Music Player
(see page 78)

Picture Viewer
(see page 90)

Video Player
(see page 87)

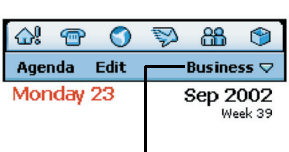
Camera
(see page 83)

Home Screen
(see page 36)

VirusScan
(see reference guide)

Folders

Many applications include a group of folders. The current folder name appears on the right side of the menu bar at the top of the screen.



Current folder. Tap folder name to see list of all folders.

You can use folders to organize your entries. For example, you can create separate folders for business and personal entries.

Switching Folders

Tap the current folder name and select the desired folder from the list. If you want to view every entry in every folder, select **All**.

Filing New Entry in Folder

Do This	
1	In the application, select the desired folder.
2	Create a new entry. The entry is automatically assigned to this folder.

Moving Entry to a Different Folder

Do This	
1	Open the entry.
2	Select a different folder. The entry is moved to this folder.

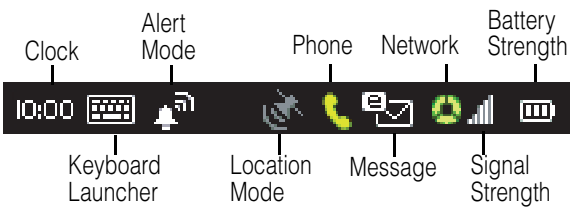
Adding, Renaming, and Deleting Folders

Do This	
1	Tap the current folder name and select **Edit folders**.

Do This
2 To add a new folder, tap **Add**. To rename a folder, tap **Edit**. To remove a folder, tap **Delete**.

Status Indicators

The status bar at the bottom of the display shows the following status indicators:



Clock – Shows the current time.

Keyboard Launcher – Tap to display the on-screen keyboard. (The keyboard displays only when the cursor is in a text-entry field.)

Alert Mode – Shows the currently selected alert mode:

Audio: Vibrate: Silent:

The alert mode indicates how the communicator notifies you of an incoming call or message.

To change the alert mode, tap this indicator and select the setting you want.

Location Mode – Shows whether the GPS (Global Positioning System) Location service is off, idle (in

standby), or busy (requesting location information). The color indicates the Location mode:

Off: Gray Idle: White Busy: Green

To turn the Location service on or off, tap this indicator and select the setting you want. The Location service allows you to track your current location on the communicator screen.

Phone – Shows the status of an active call:

Connected: Muted:

 displays when you have a new voice message and no active call.

Message – Shows that you have a new message and what type:

Email: SMS: MMS:

If an MMS or SMS message sender's phone number is in your Contact list, the indicator is white. If the message sender's phone number is not in your Contact list, the indicator is amber. If multiple types of new messages are available, displays.

Network – Shows the type of network service connection:

No service: (gray)

Emergency service: (red)

Connected to GSM home network: (one green segment)

Connected to GPRS home network: (two green segments)

Connected to UMTS home network: (three green segments)

Roaming to non-home type network: Indicator segments are amber

Airplane mode (phone disabled):

To turn Airplane mode on or off, tap this indicator and select the setting you want. (See “Switching to Airplane Mode” on page 45.)

Signal Strength – Shows the network signal strength. The more bars, the stronger the network signal.

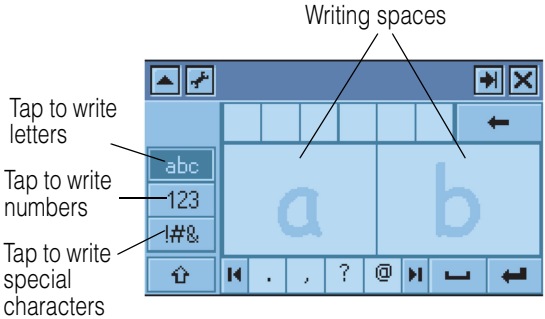
Battery Strength – Shows the amount of charge in your battery. The more bars, the greater the charge. The indicator displays in orange when the communicator is consuming a large amount of battery power, such as during a video call.

Entering Text

Two text entry methods make it easy to enter names, numbers, and text messages on your communicator.

Handwriting Recognition

You can use the stylus as a pen to write letters, numbers, and punctuation directly on the touchscreen. To write with the stylus, tap in the status bar. The handwriting pad or the keyboard appears (depending on which you used last). If the keyboard appears, tap again, and then tap **Handwriting** in the popup menu.



To write, tap the letters, numbers, or characters button on the left side of the handwriting pad. Then use the stylus to write in one of the two writing spaces. For best performance, alternate between the writing spaces so that recognition can occur in one while you are writing in the other.

To enter punctuation marks, special characters, spaces, and returns, tap the buttons beneath the writing spaces.

Note: You can activate the handwriting pad only when the screen cursor is in a field that allows you to enter text.

Virtual Keyboard

You can use an on-screen keyboard to type text. To activate the keyboard, tap in the status bar. The handwriting pad or the keyboard appears (depending on which you used last). If the handwriting pad appears, tap

⌨ again, and then tap **Roman Keyboard** in the popup menu.

To type, tap the keyboard keys with the stylus.

Note: You can activate the keyboard only when the screen cursor is in a field that allows you to enter text.

Home Screen

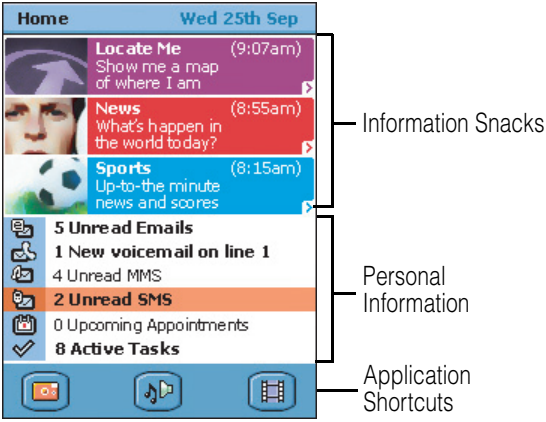
The Home screen is your personal home page on the communicator. It shows you the latest news, entertainment, and sports information, as well as personal information to help you organize your day.

Displaying Home Screen

The Home screen displays after the startup sequence when you turn on the communicator. You can also display the Home screen by:

- Pressing (if Shortcut key is set to default setting).
  - Tapping icon in Application Selector bar or Application Launcher.

Screen Contents



Information Snacks – Shows the three most recently received information snacks (headlines). Tap a snack to go to a Web page with more information.

Note: See the 3 welcome package for information about information snacks.

Personal Information – Shows the number of new emails, voicemails, MMS messages, SMS messages, upcoming appointments, and active tasks. Tap an item to open its application (Messages, Agenda, or To Do).

Application Shortcuts – Shows three icons that let you start your favorite applications.

Personalizing Home Screen

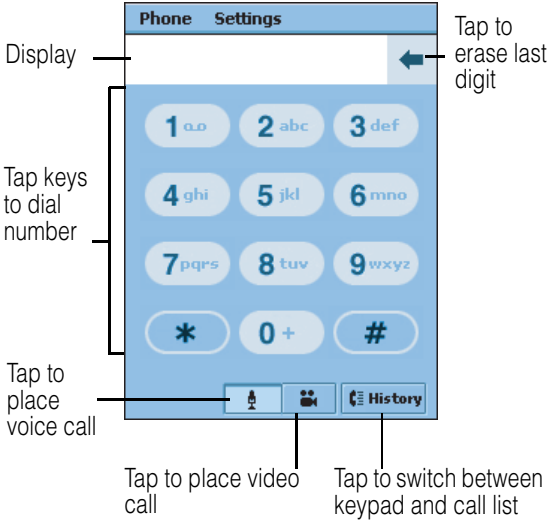
Do This	
1	Go to Home screen (if not already shown).
2	Tap **Home** > **Preferences**.
3	Tap **Events** tab.
4	Select the items you want displayed in the Personal Information section: Email, Voicemail, MMS, Agenda (appointments), To Do (active tasks), or SMS.
5	Tap **Apps** tab.
6	Select the applications you want displayed in the Application Shortcuts section.

Calling Features

Opening Phone Application

Use the Phone application to make voice and video phone calls. You can open this application in the following ways:

- Press ⓪. When the Phone application opens, a list of the most recently dialed calls displays.
- Tap ☎ in the Application Selector bar or Application Launcher. When the Phone application opens, the dialing keypad displays:



Making a Voice Call

Dialing with Keypad

Do This	
1	Tap .
2	Use stylus to tap phone number on keypad. If you make a mistake while dialing, tap **CLR** to delete last digit. Tap and hold **CLR** to delete all displayed digits.
3	Press to dial the number.

Dialing Stored Phone Numbers

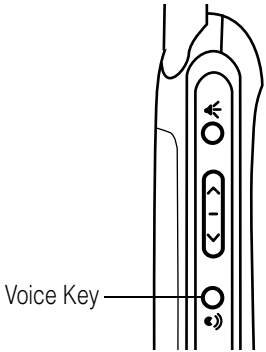
You can automatically dial stored phone numbers. See “Communicating with Contacts” on page 58.

Using Voice Dialing

Voice dialing allows you to dial a phone number by saying a word (called a voice tag). Before you use voice dialing, you must assign a voice tag to a contact, as described in “Adding Contacts” on page 55.

To place a call by voice dialing:

Do This
Press and release the Voice key, and say the voice tag assigned to the contact you want to call.
The communicator plays the recorded voice tag and automatically dials the phone number.



Redialing Failed Voice Calls

If a voice call fails (busy or not answered), a **Call Failed** message displays. To redial the call, tap the **Retry** button.

Making a Video Call

You can make video calls to other devices that have video call capabilities.

Dialing Video Call with Keypad

Do This
1 Position camera lens so that it faces the image you want to send. (See “Positioning the Camera Lens” on page 84.)

Note: The speakerphone automatically turns on during a video call, so you do not have to hold the communicator to your ear.

2 Tap .

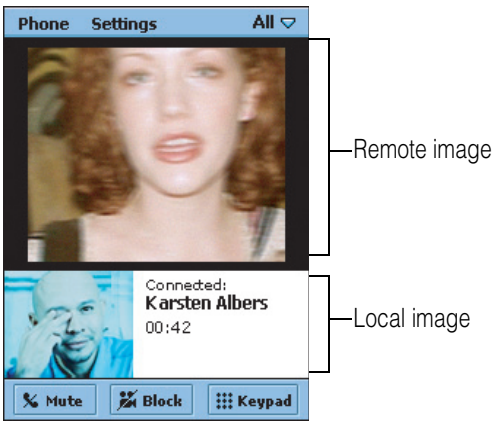
3 Use stylus to tap phone number on keypad.

If you make a mistake while dialing, tap **CLR** to delete last digit. Tap and hold **CLR** to delete all displayed digits.

Do This

4 Press ⓪.

When the call connects, the screen shows the remote camera image on top and the local image on the bottom.



5 To swap the images so that the local image is on top, tap the bottom image.

Dialing Stored Phone Numbers

You can automatically place video calls to stored phone numbers. See “Communicating with Contacts” on page 58.

Retrying Failed Video Calls

If a video call fails, a message displays indicating the cause of the failure (for example, **Caller is not in video**

call service area). Press one of the following buttons on the bottom of the screen to continue:

- **Send MMS** – Press to send an MMS message to the same phone number.
- **Voice** – Press to place a voice call to the same phone number.
- **Cancel** – Press to return to the dialing keypad.

Making an Emergency Call

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

Your service provider can program additional emergency numbers into your USIM card. Your card must be active to use the numbers stored on it.

Note: Emergency numbers vary by country. Your communicator'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.

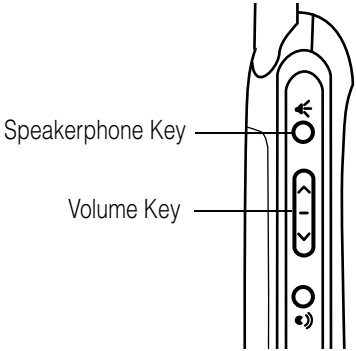
Answering Calls

When you receive an incoming voice or video call, the communicator rings or vibrates (unless set to Silent mode).

Do This
Press ⓪ or tap **Answer** to answer the call.
If you do not want to accept the call, press ⓪ or tap **Ignore** to reject it.

Adjusting Volume

Press the Volume key on the side of the communicator to change the volume of the earpiece, speakerphone, or headset during a call. Press the top of the key to increase volume and the bottom of the key to decrease volume.



Using Speakerphone

Your communicator has a built-in speakerphone that allows hands-free use. Press the Speakerphone key on the side of the communicator to turn the speakerphone on and off.

If you want to answer an incoming call using the speakerphone, press the Speakerphone key while the communicator is ringing or vibrating.

Note: Voice calls are placed to the phone numbers on the **Dialed**, **Missed** and **Answered** tabs. Video calls are placed to the phone numbers on the **Video** tab.

Switching to Airplane Mode

If you want to use the communicator's personal organization and entertainment features in a situation where telephone use is not allowed (such as on a plane), switch the communicator to Airplane mode.

In Airplane mode, you cannot connect to the network to make phone calls or send messages. Also, GPS Location service is not available.

Do This	
1	Tap the Network indicator ( ) in the Status bar.
2	In the Connection Mode box, select **Airplane mode**.
3	Tap **Done**. The indicator appears, indicating the communicator is now in Airplane mode.

To return to normal operation, tap , and select **Phone on**.

Turning off Call Ringing

You can turn off ringing for incoming calls by setting the communicator's alert mode to vibrate or silent. See Alert Mode on page 31.

Messages and Email

You can create, send, and receive the following types of messages: email, MMS (Multimedia Message Service), and SMS (Short Message Service).

You can send stored audio, video, and picture files with your email and MMS messages. See the “News and Entertainment” section for how to download and store these files in the communicator.

Setting up Messaging Accounts

Before you can send and receive messages, you must set up your accounts. Contact your service provider for account details.

Email

To send and receive emails, you must set up an Internet account and an email account.

To create an Internet account:

Do This	
1	Open Control Panel application ( ).
2	Tap **Connections** tab > **Internet accounts** > **Accounts** tab.
3	Tap **New**.
4	Enter information about your account.

Do This	
5	Tap **Done**.

To create an email account from Control Panel:

Do This	
1	Tap **Connections** tab > **Messaging accounts** > **Email** tab.
2	Tap **New**.
3	Enter information about your account on the **Basic**, **Inbox**, **Outbox**, and **Advanced** tabs.
4	Tap **Done**.

Note: See the *A920 Reference Guide* on the provided CD-ROM for more information about setting up Internet and email accounts.

MMS and SMS

Your service provider should already have set up MMS and SMS accounts on your communicator.

To check account settings from Control Panel:

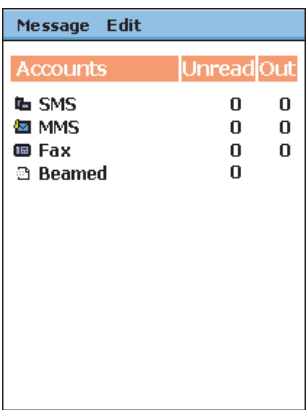
Do This	
1	Tap **Connections** tab > **Messaging accounts.**
2	Tap the **MMS** or **SMS** tab to view account settings.

Opening Messaging Application

Use the Messaging application to create, send, and receive messages. To open this application:

Do This
Tap in the Application Selector bar or Application Launcher.

When the Messaging application opens, it shows a list of your established accounts:



Creating and Sending Messages

Email and SMS

To write and send an email or SMS message:

Do This	
1	Tap the email or SMS account in the list of accounts.
2	Tap **Message** > **New**.

Do This	
3	In the **To** field, enter the recipient's address (email) or phone number (SMS) with the stylus or virtual keyboard. To enter a stored address or phone number from Contacts, tap **To**. To enter several addresses or phone numbers, enter a comma between each.
4	In the **Subj** field (email only), write a subject line.
5	In the text area, write the text message.
6	To add an attachment to an email, tap the 📎 tab and tap **Add**. Then select the stored file that you want to attach.
7	When message is complete, tap **Send**.
8	If you want to send the message now, tap **Send immediately**. If you want to send the message later, tap **Save to outbox**.

MMS

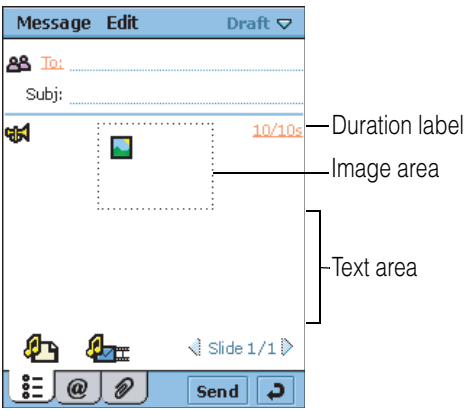
You can create and send MMS messages that contain one or more slides with images, sounds, and text.

Do This	
1	Tap the MMS account in the list of accounts.

Do This

2 Tap **Message > New**.

The first slide of the message displays:



3 In the **To** field, enter the recipient's phone number or email address. (The recipient must also subscribe to MMS messaging.)

To enter a stored number from Contacts, tap **To**.

To enter several phone numbers, enter a comma between each.

4 Tap to add a sound. You can then record a new sound or select a stored audio file.

You can add the following types of stored audio files to an MMS message: WAV and AMR.

Do This	
5	Tap to add an image. You can then select a stored image file. You can add the following types of stored image files to an MMS message: BMP, WBMP, GIF, PNG, JPEG, and TIFF.
6	Tap the text area to place a cursor in the text area. Enter text with stylus or virtual keyboard.
7	To set the slide duration, tap the duration label (**20/20s**). Specify how long (in seconds) you want the slide to play before automatically advancing to the next slide in the message. The first number in the duration label indicates the selected duration of the current slide. The second number indicates the total duration of all slides in the message.
8	To add another slide to the message, tap .
9	To play the slide presentation, tap .
10	When message completes, tap **Send**.
11	To send the message now, tap **Send immediately**. To send the message later, tap **Save to outbox**.

Note: The maximum file size of an MMS message is 30 KB. If you exceed this size, a warning message displays. Remove audio or video files to reduce the file size.

Receiving and Reading Messages

When the communicator receives a new message, a message indicator displays in the status bar. See “Status Indicators” on page 31.

Do This	
1	Tap message indicator in Status bar. The Messaging application opens, showing a list of established accounts. The number of unread messages displays next to each account.
2	Tap the account containing the message you want to read. A list of messages displays. Unread messages display in bold.
3	Tap the message you want to read.
4	Any attachments to the message display with a 📎. Tap on the attachment to open it.

Contact List

Use the Contacts application to store details such as names, phone numbers, and email addresses in an alphabetical list of entries. You can quickly call or send a message to any stored contact from this list.

Opening Contacts Application

Tap in the Application Selector bar or Application Launcher. An alphabetical list of stored contacts displays:

The following icons can display next to a contact name:

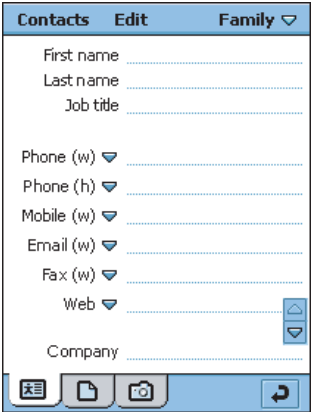
– Displays if contact has a voice tag assigned to a phone number. See “Adding Contacts” on page 55 for how to assign a voice tag.

– Displays if contact is saved in SIM folder.

To see each contact's preferred phone number next to their name, tap **Edit > Preferences** and select the **Show preferred phone number** box.

Adding Contacts

Do This	
1	Open the folder in which you want to save the contact. To store the contact on your USIM card, open the SIM folder.
2	Tap **Contacts > New**. The Contact information form displays:



Do This
3 Enter contact name, phone numbers, email address, and other information.

Note: If you enter more than one phone number for a contact (for example, a work and home number), you can select which number displays in the contact list as the preferred phone number. To do so, tap **Edit > Show in list** and select the desired preferred phone number.

4 Tap preceding each phone number to select its communication method: Phone (landline), Mobile, Multimedia Mobile (MMS message-capable), Video Phone (landline), Video Mobile, Email, and Web.

5 To assign a particular ring tone to the contact, tap the **Ring tone** box and select a ring tone from the list. When you receive a voice or video call from this contact, the selected ring tone plays.

Tap to play the selected ring tone.

6 To assign a voice tag to a phone number, tap the **Voice tag** box below the phone number.

A voice tag allows you to make a phone call by saying a word (usually the contact name). See “Using Voice Dialing” on page 39.

7 To record the voice tag, tap **Record** button and say the contact name.

A message notifies you when the voice tag saves successfully.

Do This	
8	To add a note to a contact, tap and enter the note. You can mark a note as Private. Private notes are not included when you send or synchronize contact details.
9	To assign a photo or other image to the contact, tap . Then tap and select one of the stored images. The contact's assigned image displays when you make a call to or receive a call from the contact.
10	When you have entered all contact information, tap . The contact now displays in the alphabetical list of contact names.

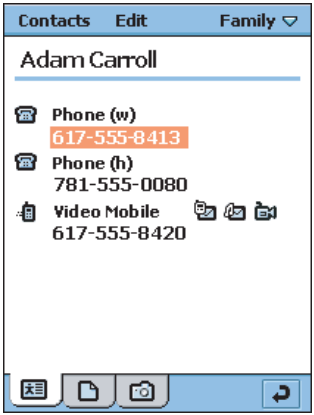
Communicating with Contacts

You can easily phone, email, or send messages to your stored contacts.

Do This

1 In the list of contact entries, tap the contact name.

The contact's defined phone numbers and email addresses display:



A phone number or email address might have additional icons next to it, depending on its defined communication method.

Do This	
2	To place a voice call, tap the phone number. To place a video call, tap next to the phone number. To send an email, tap the email address. To send an MMS message, tap next to the phone number or email address. To send an SMS message tap next to the phone number.

Customizing Communicator Settings

You can adjust communicator settings to suit your needs.

Setting Wallpaper Image

You can select an image to display in the background of the Application Launcher.

Do This	
1	Open Application Launcher ( ).
2	Tap **View > Wallpaper**.
3	Tap **Change**.
4	Select one of the stored images.

Note: See “News and Entertainment” for how to download and save images you can use as wallpaper.

Setting Screen Brightness

Do This	
1	Open Control Panel application ( ).
2	Tap **Screen**.
3	Slide **Brightness** dial to desired setting.
4	Tap **Done**.

Setting System Sounds

To set volume levels for the sounds of screen taps, button presses, system alerts (for example, incoming call alert), and system notices (for example, low battery notice):

Do This	
1	Open Control Panel application ( ).
2	Tap **Sounds**.
3	Select desired sound settings: Off, Quiet, or Loud.
4	Tap **Done**.

Setting Shortcut Key

The communicator's Shortcut key ( ) allows you to open your favorite application with a one button press. The default setting for this key is the Home screen.

You can set the Shortcut key to open any application. For example, to be ready to take pictures with a single button press, select Camera.

Do This	
1	Open Control Panel application ( ).
2	Tap **Shortcut Key**.
3	Select an application from the list.
4	Tap **Done**.

Choosing Ring Tones

When you set the alert mode to audio, the communicator rings to indicate an incoming call or message. You can select from the different ring tones provided.

Notes: See Alert Mode on page 31 for how to view and set the alert mode.

Personalized ring tones that you assign to stored contacts override the ring tones you select here. See “Adding Contacts” on page 55 for how to assign personalized ring tones.

Choosing Ring Tones for Calls

Do This	
1	Open the Phone application ( ).
2	Tap **Settings** > **Tones**.
3	Select the ring tones you want for line 1, line 2 (if applicable), and video calls. To hear the selected ring tone, tap .
4	Tap **Done**.

Choosing Ring Tones for Messages

Do This	
1	Open the Messaging application ( ).
2	Tap **Edit** > **Preferences**.

Do This	
3	Select the ring tones you want for each messaging account. To hear the selected ring tone, tap .
4	Tap **Done**.

Choosing Vibrate Pattern

When you set the alert mode to vibrate, the communicator vibrates to indicate an incoming call or message. You can select from the different vibrate patterns provided.

Note: See Alert Mode on page 31 for how to view and set the alert mode.

Do This	
1	Open Control Panel application ( ).
2	Tap **Ring Tone Manager**.
3	Tap the **Vibrate** tab.
4	Tap the vibrate pattern you want to use.
5	Tap **Done**.

Personal Organizer Features

Agenda

Use Agenda to schedule and organize events such as appointments and meetings. You can review your schedule of events for the day, week, or month, and have the communicator play a reminder alarm for specific events.

Note: Ensure that the correct time and date are set before using Agenda. See “Setting Time and Date” on page 72.

Adding an Agenda Entry

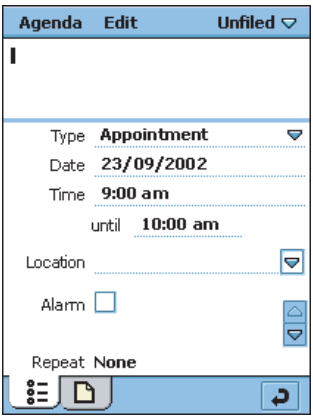
You can enter the following types of Agenda entries:

- **Appointment** – An entry with a start and end time (for example, a meeting)
- **Reminder** – An entry that does not need a time (for example, a birthday)
- **All day event** – An entry with a start and end date, but no specific times. Use an all day event for an entry that lasts a whole day or several days (for example, a conference).

To add an Agenda entry:

Do This
1 Open Agenda ( ).

Do This	
2	Tap **Agenda** > **New**. The Agenda Entry form displays:



3	Use stylus or virtual keyboard to enter a description.
4	Select the type of entry.
5	Enter the date, time, and location of the event.
6	Tap the **Alarm** box if you want the communicator to sound a reminder alarm for this entry. The time and date of the alarm display below the **Alarm** box. To change when the alarm sounds, tap the time or date.
7	If this entry recurs, tap **Repeat** to select a repeat interval.
8	To mark this entry as Private when you synchronize Agenda entries with a computer, tap **Private**.

Do This	
9	To add a note to the entry, tap and enter the note.
10	Tap to save the entry.

Switching Agenda Views

You can see your Agenda entries in several views: Day, Week, or Month. When you first open Agenda, the Day view displays.

To switch to Week view, tap .

To switch to Month view, tap .

To switch back to Day view, tap .

To return to the current day in the selected view, tap .

To see the details of an entry, tap the entry.

Moving Entries to the To Do Application

You can move Agenda entries to the To Do application, which lists tasks you need to complete. See “To Do” on page 67.

Do This	
1	Open the entry.
2	Tap **Agenda** > **Move to To Do**.

Notes: To Do entries do not have repeats, times, or locations, so Agenda entries that you move to To Do lose

this information. If you copy an entry back to Agenda, the communicator does not restore this information.

If you move an entry with an alarm, it will sound in To Do.

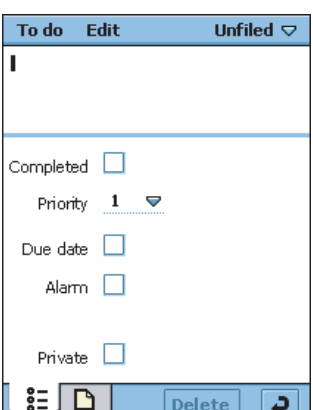
To Do

Use the To Do application to list and track tasks you need to complete. You can set due dates for activities, set reminder alarms, and mark tasks as completed.

Adding Entries

To add a To Do entry:

Do This	
1	Open To Do ( ).
2	Tap **To do > New**. The To Do entry form displays:



Do This	
3	Use stylus or virtual keyboard to enter a description.
4	Select a priority (1-9, with 1 highest) for the task.
5	Tap the **Due date** box if you want this task to have a due date. The current date displays next to the **Due date** box. To select a different due date, tap the date and select a date from the displayed calendar.
6	Tap the **Alarm** box if you want the communicator to sound a reminder alarm for this entry. The time and date of the alarm displays below the **Alarm** box. To change when the alarm sounds, tap the time or date.
7	To mark this entry as Private when you synchronize To Do entries with a computer, tap **Private**.
8	To add a note to the entry, tap and enter the note.
9	Tap to save the entry.

Marking Tasks as Complete

When you open To Do, a list of tasks and their due dates displays.

To mark a task as completed, tap the box next to it. The due date disappears, indicating the task is completed.

Note: To hide completed entries, tap **Edit > Preferences** and remove the check from **Display completed**.

Deleting Entries

When you no longer need a record of your completed entries, delete them.

To delete an individual entry, tap the entry in the list and tap **Delete**.

To delete all completed entries, in your list of entries, tap **To do** > **Delete completed**.

Moving Entries to Agenda

You can schedule To Do entries on your calendar by moving them to the Agenda application. See “Agenda” on page 64.

Do This	
1	Open the entry.
2	Tap **To do** > **Move to Agenda**.

Notes: If you do not set a due date for the To Do entry, the communicator uses the current date for the new Agenda entry.

If you move an entry with an alarm, it sounds in Agenda.

Voice

Use the Voice application to record and play personal messages and phone calls.

Note: Recording phone calls is subject to varying state and federal laws regarding privacy and the recording of conversations.

Recording Voice Notes

To record a voice note using the Voice key:

Do This	
1	Press and hold the Voice key.
2	Start recording after the beep.
3	When finished, release the Voice key.

To record a voice note using the on-screen buttons in the Voice application:

Do This	
1	Open the Voice application ( ).
2	Tap **New**.
3	Tap **Rec**.
4	Start recording after the beep.
5	When finished, tap **Stop**.

Playing Voice Notes

The Voice application identifies each voice note by the date and time recorded and by its position in the sequence of voice notes. For example, it identifies the third of five recordings as **3 of 5**.

Do This	
1	Tap **Prev** or **Next** to highlight the voice note you want to play.
2	Tap **Play**.

Jotter

Use Jotter to write notes and sketch graphics.

Adding Notes

Do This	
1	Open Jotter ( ).
2	Tap **Jotter > New**.
3	Enter the note using the stylus or virtual keyboard ( ).
4	To add a graphic to the note, tap .
5	Use the stylus to sketch your graphic. On-screen buttons allow you to change line width and color, and erase lines.
6	Tap to save the note.

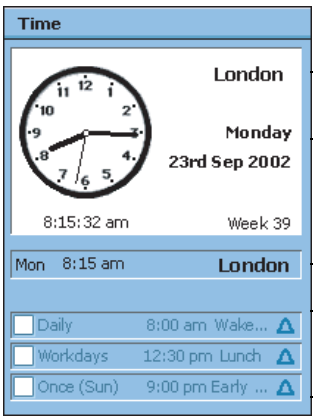
Time

Use Time to set the current date and time, and to set alarms you do not want to include in your Agenda or To Do list.

Setting Time and Date

If you have not already set the current time and date:

Do This
1 Open Time ( ). The Time screen displays:



2	Tap **Time > Set Time & Date**.
3	Enter the current time and date.
4	To set the preferred time and date format, tap the **Format** tab. Select the time and date format from the lists of available formats.
5	Tap **Done**.

Setting Location

Time can display time and date information for two locations:

- **Current** – The place where you are at the moment. Time shows the time and date of your current location in the top half of the screen.
- **Other** – A city of your choice. Time shows the time of this city below the time and date of your current location. If you are abroad, you can check the time at home by setting this location to your home city.

To set locations:

Do This	
1	Tap **Time** > **Set Location**.
2	Select your current location from the **Current country** and **Current city** lists.

Note: If the city you want is not listed, select another city in the same time zone.

3	Select another location (optional) from the **Other country** and **Other city** lists.
4	Tap **Done**.

Setting Alarms

You can use Time as an alarm clock. It is ideal for wake-up alarms and other regular alarms you do not want to include in your Agenda or To Do list.

You can set up to three alarms in Time. The alarm slots display in the lower half of the Time screen.

To set an alarm:

Do This	
1	Tap one of the alarm slots.

Do This	
2	Set the following alarm details: **Time** – Select the time of day you want the alarm to sound. **When** – Select how often you want the alarm to sound: only once, in the next 24 hours, daily, on workdays only, or weekly. **Alarm sound** – Select the sound you want the alarm to make. Tap to listen to the selected sound. **Message** – Select from one of several preset alarm messages or enter your own.
3	Tap **Done**.
4	Tap the alarm checkbox to activate the alarm.

Responding to Alarms

When an alarm sounds, the message you selected displays instantly. Tap the **Snooze** button to reset the alarm to sound in 5 minutes.

Note: The alarm will not sound while you are making a phone call or recording a voice note.

Turning Alarm Sounds Off

To silence an alarm before it sounds, do one of the following:

- Turn off the alarm by unchecking the alarm slot checkbox.

- Tap the alarm slot and select **Silent** in **Alarm sound**.

Calculator

To open the calculator, tap in the Application Launcher.

Use the calculator by tapping the on-screen keys.

News and Entertainment

Web Browser

The Web browser lets you open Web pages and use Web-based applications (such as on-line banking, shopping, and games) on your communicator.

Setting Up Internet Account

Before you can use the Web browser, you must set up an Internet account. See “Setting up Messaging Accounts” on page 47.

Opening Web Browser

Tap in the Application Launcher. An alphabetical list of your bookmarks and saved Web pages displays.

Note: To open the Web browser and go directly to the Hutchison portal, press .

Opening Web Pages

You can open a Web page in the following ways:

- Tap the bookmark or saved Web page you want to open.
- Tap **Web** > **Open web page**. Enter the address of the Web page you want to open and tap **Open**. (No need to enter the full address. You can omit the **http://)**

Adding Bookmarks

To add a bookmark for a Web page so you can return to the page without having to enter its address:

Do This	
1	Open the Web page.
2	Tap **Web** > **Add bookmark**.
3	Select a folder for the bookmark.
4	Tap **Add**.

Saving Web Pages

To save a Web page so you can view it later when not connected to the Internet (offline browsing):

Do This	
1	Open the Web page.
2	Tap **Web** > **Save page**.
3	Select a folder for the page.
4	Tap **Add**.

Downloading Audio, Video, and Pictures

You can download audio files, video clips, and pictures from the Web. To download a file, follow the instructions on the Web page.

When the download completes, the file opens in the browser or in another communicator application (depending on the file type). You can save the file to a folder in the communicator or to the memory card.

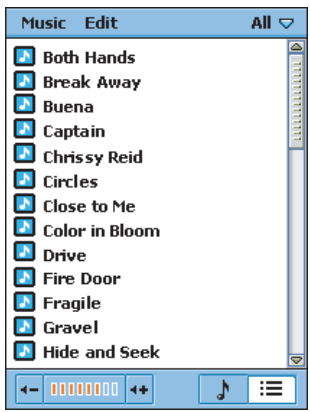
Music Player

Use the Music Player to listen to the following types of audio files: AU, AMR, MIDI, MP3, and WAV. You can listen to audio files that you downloaded from the Web, received as an email attachment, or stored on the removable memory card.

Opening Music Player

Tap in the Application Launcher. When the Music Player opens, it shows a list of all saved audio tracks.

To see the audio tracks saved in a specific folder, tap the current folder name (upper right corner) and select the desired folder from the list.



Note: Audio tracks must be stored in the proper directory on the memory card for you to see and play them in the Music Player. When you copy audio files to the memory card from a computer, ensure that the files are stored in a third-level directory under:

Media Files\Audio

For example, you can store audio files in any of the following directories:

Media Files\Audio\Classical

Media Files\Audio\Rock

Media Files\Audio\Unfiled

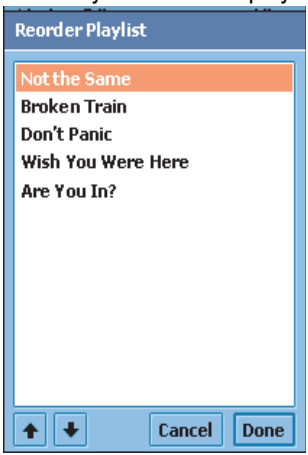
Playing an Audio Track

Do This	
1	In the list of tracks, tap the track you want to play. Information about the track displays (artist, album, etc.) and the track begins to play.
2	While the track plays, you can tap the following buttons at the bottom of the screen: Tap and hold down to rewind the track. Tap to stop playing and return to the start of the track. Tap to switch between play and pause mode. Tap and hold down to advance (fast forward) the track. **Note:** The key also controls audio play: left = rewind, right = fast forward, center = play/pause.

Managing Music Playlists

The Music Player can play all of the tracks in a folder in a sequence that you specify. To specify the sequence, you must edit the folder's playlist:

Do This	
1	Open the folder containing the tracks you want to play.
2	Tap ♪ to switch to Playlist view.
3	Tap **Edit** > **Playlist**. The Reorder Playlist screen displays:



4	To arrange the sequence in which the tracks will play, tap a track and then tap the arrows to move it up or down in the sequence.
5	When the tracks are arranged in the sequence you want, tap **Done**.

Playing a Music Playlist

Do This

1 Open the desired folder.

2 Tap to switch to the Playlist view:

3 Tap .

The Music Player starts playing the tracks in the sequence you selected.

Do This
4 While the playlist plays, you can tap the following buttons at the bottom of the screen:

Tap and release to start playing from the beginning of the current track or to jump to the beginning of the previous track in the playlist (if already at the start of the current track).

Tap and hold down to rewind the current track.

Tap to stop playing and return to the start of the track.

Tap to switch between play and pause mode.

Tap and release to start playing from the beginning of the next track in the playlist.

Tap and hold down to advance (fast forward) the current track.

MusicMusicMusicMusicMusic*Saving Audio Files*

When you download an audio file from the Web or open an audio email attachment, the **Save Audio File** screen displays. To save the file to a folder in the communicator or to the Memory card:

Do This
1 Tap **Save**.

Do This	
2	Select the location to which you want to save the file.
3	Tap **Save**.

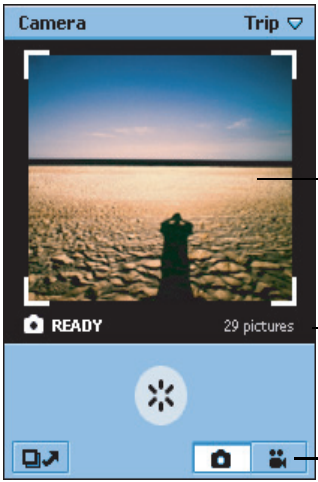
Note: To ensure optimum use of communicator memory, save audio clips to the memory card when possible.

Camera

You can use the built-in camera to take still pictures and record video clips.

Opening Camera Application

Tap in the Application Launcher. When the Camera application opens, a camera viewfinder displays. The viewfinder displays the image viewed by the camera lens.



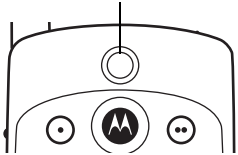
Viewfinder

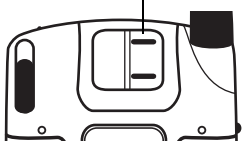
Memory available

Camera Mode buttons (Still and Video)

Positioning the Camera Lens

You can position the camera lens so that it faces toward the front or back of the communicator. Rotate the wheel on the back of the communicator to move the lens.





Note: To protect the lens when not using the camera, position it so that it faces the top of the communicator.

Taking Still Pictures

Do This	
1	Tap to place camera in Still mode.
2	Point the camera lens at the subject.
3	Press (center key) to take the picture. The picture displays in the viewfinder.
4	If you want to save the picture, press (center key). If you want to delete the picture without saving it, press (right arrow).

Taking Sequence of Still Pictures

You can use the camera to take a continuous sequence of still pictures (up to five).

Do This	
1	Tap to place camera in Still mode.
2	Tap **Camera** > **Sequence ON**.
3	Point the camera lens at the subject.
4	Press (center key) to start taking the picture sequence. The camera takes a picture every 0.5 seconds. The screen displays the number of pictures taken.

Do This	
5	To stop the picture sequence before taking the five pictures, press ⊙ (center key) again. The picture sequence is saved to the currently selected folder.

Recording Video Clips

You can use the camera to record a video clip up to 60 seconds long.

Do This	
1	Tap to place camera in Video mode.
2	Point the camera lens at the subject.
3	Press ⊙ (center key) to start recording the video. The video image displays in the viewfinder.
4	To stop recording, press ⊙ (center key) again. The video is saved to the currently selected folder.

Available Memory Indicator

The available memory indicator below the viewfinder shows an estimation of how many more pictures or video clips you can take before the selected folder's memory is full. When memory is full, the camera stops recording.

Switching to Picture Viewer

When the Camera is in Still mode, you can quickly switch to the Picture Viewer to view, edit, and send the pictures you have taken. See “Picture Viewer” on page 90.

To switch to Picture Viewer, tap .

Switching to Video Player

When the Camera is in Video mode, you can quickly switch to the Video Player to watch and send the video clips you have recorded. See “Video Player” ahead.

To switch to Video Player, tap .

Video Player

Use the Video Player to watch video clips and streaming video and audio from the Web. You can watch video clips that you recorded with the communicator’s camera, downloaded from the Web, received as an email attachment, or stored on the removable memory card.

Opening Video Player

Tap in the Application Launcher. When the Video Player opens, it shows a list of all saved video clips.

To view the video clips saved in a specific folder, tap the current folder name (upper right corner) and select the desired folder from the list.

Note: Video clips must be stored in the proper directory on the memory card for you to see and play them in the Video Player. When you copy video files to the memory card from

a computer, ensure that the files are stored in a third-level directory under:

Media Files\Video

For example, you can store video files in any of the following directories:

Media Files\Video\Movie Trailers

Media Files\Video\Home

Media Files\Video\Unfiled

Playing a Video Clip

Do This

1 In the list of video clips, tap the clip you want to play.

The video begins to play in portrait (vertical) view:

Do This

2 While the video plays, you can tap the following buttons at the bottom of the screen:

Tap to switch between play and pause mode.

Tap to stop the video and return to the beginning.

Tap to open the Camera application.

Tap to return to the list of video tracks.

Note: The key also controls video play: left = rewind, right = fast forward, center = play/pause.

To see the video in landscape (full-screen) view, tap anywhere on the playing video. To return to portrait view, tap the playing video again.

Playing Streaming Video and Audio

To play streaming video and audio from the Web, use the Web browser to select the link to the video or audio clip or broadcast. The communicator establishes a connection with the server and buffering begins. When buffering completes, the video or audio starts playing.

Saving Video Clips

When you download a video clip from the Web or open a video email attachment, the clip begins playing in the

Video Player. You can save the clip to a folder in the communicator or to the memory card.

Do This	
1	Tap **Video** > **Save**.
2	Select the location to which you want to save the file.
3	Tap **Save**.

Note: To ensure optimum use of communicator memory, save video clips to the memory card when possible.

Sending Video Clips

You can send video clips by email or MMS message.

Do This	
1	In the list of video clips, tap the clip you want to send.
2	Tap **Video** > **Send as**.
3	Select the method by which you want to send the video clip.
4	Tap **Done**.

Picture Viewer

Use the Picture Viewer to view and edit picture files. You can view pictures that you took with the camera, downloaded from the Web, received as an email attachment, or stored on the removable memory card.

Opening Picture Viewer

Tap in the Application Launcher. When the Picture Viewer opens, it shows small thumbnail pictures of all saved picture files or a list of picture files (depending on the view you selected when the Picture Viewer was last open).

To switch views, tap **Setting** > **List/Thumbnail**.

To see the pictures saved in a specific folder, tap the current folder name and select the desired folder from the list.

Note: Pictures must be stored in the proper directory on the memory card for you to see them in the Picture Viewer. When you copy picture files to the memory card from a computer, ensure that the files are stored in a third-level directory under:

Media Files\Image

For example, you can store pictures in any of the following directories:

Media Files\Image\Kids

Media Files\Image\Vacation

Media Files\Image\Unfiled

Do This

1 Tap the thumbnail picture or file name you want to view. The picture displays.

If the original picture is larger than the display area, it reduces to fit. To see the picture in its original size, tap **Pictures** > **Actual size view**. Use the key to scroll to see the entire picture.

2 While viewing the picture, you can tap the following buttons at the bottom of the screen:

Tap to see previous picture.

Tap to see next picture.

Tap to open the Camera application.

Tap to return to the list or thumbnails of pictures.

Viewing Slideshow

You can view all of the pictures in a folder as a slideshow.

Do This	
1	Open the folder with the pictures you want to view.
2	Tap **Pictures** > **View slideshow**. The Picture Viewer starts showing the pictures in the folder in the order listed.

Note: The default interval between slides is 3 seconds. To change this interval, tap **Setting** > **Slideshow interval**.

If you select Manual mode, you must press the left and right arrows on the ⊙ key to move through the slideshow.

Editing Pictures

You can use the Picture Viewer to edit pictures in the following ways:

- Rotate image
- Draw on image
- Add a stamp to the image
- Add a frame to the image

To edit a picture, select the desired editing function from the Edit menu. See the *A920 Reference Guide* on the provided CD-ROM for more information about editing pictures.

Sending Pictures

You can send pictures by email or MMS message.

Do This	
1	Tap the thumbnail picture or file name you want to send.
2	Tap **Pictures** > **Send as**.
3	Select the method by which you want to send the picture.
4	Tap **Done**.

Getting More Out of Your Communicator

Connecting to a Computer

A computer synchronization program called A920 Desktop Suite is provided with your communicator. You can use this program to:

- Share emails and Agenda, Contacts, and To Do entries between your communicator and a computer.
- Copy and paste text between the two devices.
- Back up the information in your communicator to a computer. If you accidentally lose or delete information, you can easily restore the backup copy.
- Install applications from the computer on your communicator.
- Install different languages on your communicator.

Note: You cannot install European languages on a communicator that was purchased in Asia, and you cannot install Asian languages on a communicator that was purchased in Europe.

Setting up the Link

You can link the communicator to a computer with a USB cable. Connect the cable from the accessory port on the bottom of the communicator to the USB port on the computer.

Installing A920 Desktop Suite

After you set up the link, you must install and run the A920 Desktop Suite software on the computer. To install this software, use the CD-ROM supplied with your communicator. Follow the on-screen prompts to complete installation.

Using the Link

After the A920 Desktop Suite is installed on the computer, you can share information between the two devices.

To start sharing information, tap (**Desktop Suite**) in the Application Launcher.

Note: Refer to the A920 Desktop Suite online help for more information about setting up and using this program.

Security

Locking and Unlocking Communicator

You can lock the communicator so that the touchscreen and keys do not work. When you lock the communicator, you can still use the and keys to answer and hang up incoming phone calls.

To lock the communicator:

- Press and then press within 3 seconds.

To unlock the communicator, press the same keys again.

Establishing Password Protection

You can establish password protection to prevent unauthorized access to information in the communicator.

Do This	
1	Open Control Panel application ( ).
2	On the **Device** tab, tap **Password**.
3	In the **Ask for password** list, select: **Never** – never enter a password **At switch on** – enter your password every time you turn on the communicator **Once a day** – enter your password the first time you turn on the communicator each day.

Do This	
4	If you want the password entry screen to display owner information: **a** Check the **Put owner information in password screen** box. **b** In the **Owner Information** box, write the text that you want to appear.
5	Tap **Set password.**
6	Enter password and tap **Done**.
7	Confirm the password and tap **Done**. The password is now set.

To clear the set password, tap **Clear**.

Specific Absorption Rate

The A920 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 Health Canada for Canada. 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- Health Canada is 1.6W/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 0.51 W/kg and when worn on the body, as described in this user guide, is 0.08 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.

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

`http://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.

ITC02-155

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, 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.
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.

Products Covered	Length of Coverage
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 form 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 Two-Way Radios 1-800-353-2729 Pagers 1-800-548-9954
Canada	All Products 1-800-461-4575
TTY	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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