**User's Manual**

A revised preliminary draft copy of the manual follows:

**MOTOROLA**

MPx
GSM

*START HERE >*

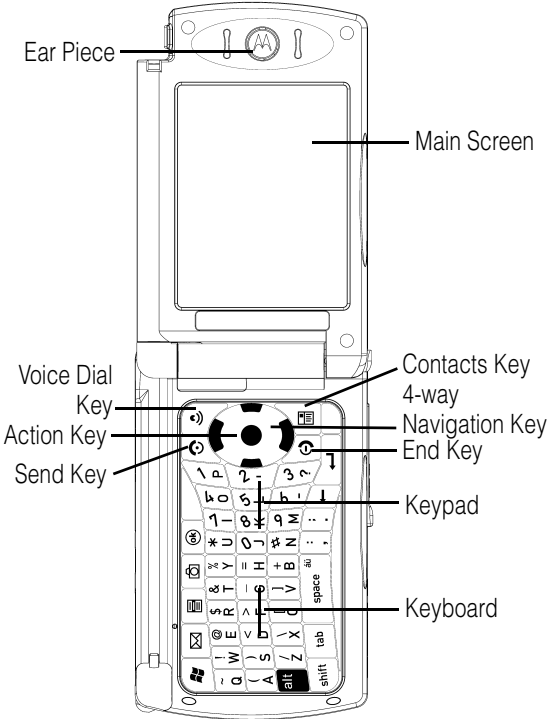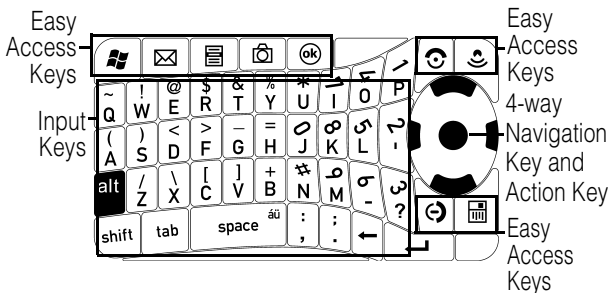# *Welcome*

Welcome to the world of Motorola converged devices. Your selection, the Motorola MPx, delivers to you simplified communications, increased productivity, and the control to develop a superior mobile experience whether at work, at home, on the road or at play.

# *Phone Mode*

Ear Piece

Main Screen

Voice Dial Key

Action Key

Send Key

Contacts Key

4-way Navigation Key

End Key

Keypad

Keyboard

## *The Keypad*

Your device contains a functional keypad.



## *Input Keys*

Use the input keys to enter letters and numbers.

## *4-way Navigation Key*

Use the 4-way navigation key to:

- scroll up, down, left, or right through the menu system
- highlight menu items—press the Action key to select a highlighted menu item
- change feature settings
- play games
- move the cursor during text entry

## *Easy Access Keys*

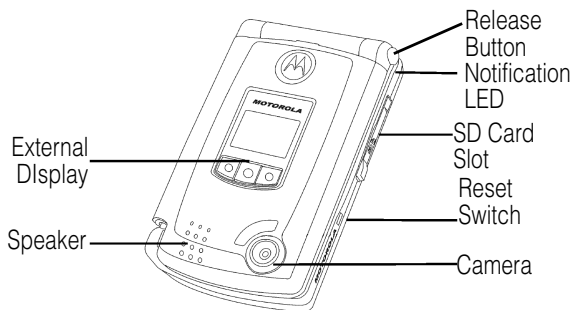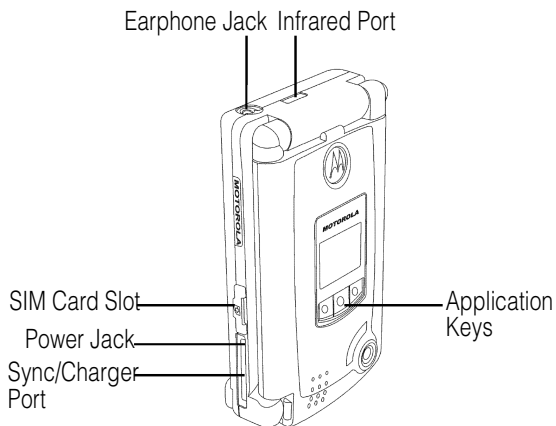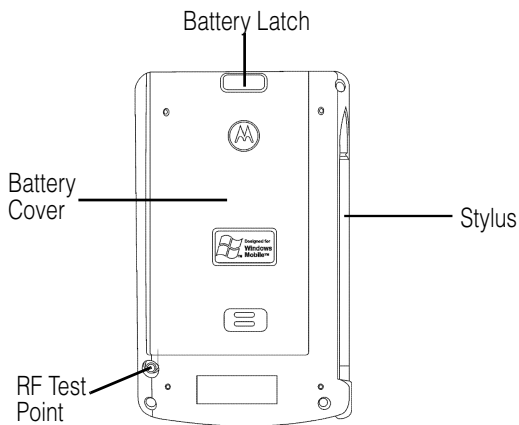| Press | To |
|---|---|
| W **Start** | open the **Start** menu |
| 2 **Inbox** | launch the messaging function |
| M **Contacts** | display a shortcut menu with control options for the selected item |
| j **Camera** | activate the camera |
| K **OK** | cancel the current option |
| N **Send** | make and answer calls, view recently dialed calls list |
| I **Speech Recognition** | use Speech Recognition |
| J **Menu** | open the **Contacts** folder |
| P P**ower/End** | power the device on and off, suspend the device, end calls, and exit menu system |

# *Landscape Mode*
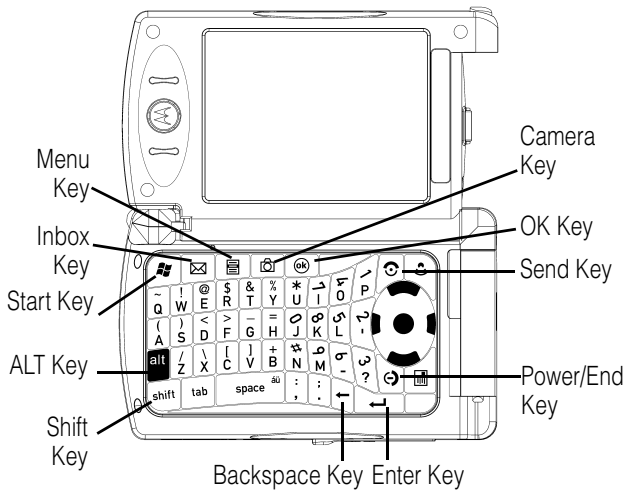


For the QWERTY keyboard, there are tactile nibs placed on the **F** key and the **L** key. Although typical implementation of these nibs is on the **F** key and the **J** key, this unique device has the **L** key double as the 5 key when in phone mode. Thus, while the device is opened in phone mode the numeric keypad can be easily navigated using the 5 key nib, and in QWERTY messaging mode the spacing of the nibs on the **F** key and the **L** key is more symmetric with the geometry of the device.

# Front Panel

Earphone Jack  Infrared Port

SIM Card Slot

Power Jack

Sync/Charger Port

Application Keys

Release Button

Notification LED

SD Card Slot

Reset Switch

External DIsplay

Speaker

Camera

# *Back Panel*



Battery Latch

Battery
Cover

Stylus

RF Test
Point

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**Caution:** Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual number:

# *Contents*

**9**

# *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 in user's guides published prior to December 1, 2002.

## *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 procedures.

## *Phone Operation*

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

## *Body-Worn Operation*

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a

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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 1 inch (2.5 centimeters) 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 1 inch (2.5 centimeters) from your body.

## *Approved Accessories*

Use of accessories not approved by Motorola, including but not limited to batteries and antennas, 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*

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.

## *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*

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*

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

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) 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.
- 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 may be found in the "Wireless Phone Safety Tips" at the end of this manual and 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.

## 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: T**he 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.

## Batteries

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. **Use only Motorola original batteries and chargers.**

Your battery 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 afire. |
| ♻ | 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. |
| ⊖ Li Ion BATT ⊕ | Your phone contains an internal lithium ion battery. |

## *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 play games on your phone, 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.

# *European Union Directives Conformance Statement*

$C\epsilon$ 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

$C\epsilon$0168

Type: MC2-41H14 — Product Approval Number
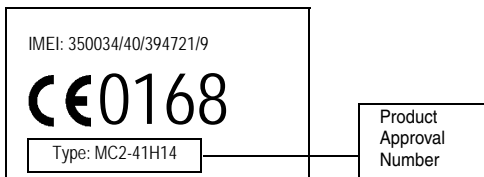
The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the 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.

# *Getting Started*

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola MPx.

## *Package Contents*

Your Motorola MPx comes with a battery, travel charger, USB data cable, mono headset, companion CD, user's guide, product and service user data, and cables. You can purchase other accessories to customize your device for maximum performance and portability.

**Note:** The in-box content may vary by region.

**Note:** Additional accessories may be available depending on promotions.

## *About This Guide*

This guide describes the basic features of your Motorola MPx.

### *Optional Features*

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

### *Optional Accessories*

**Optional Accessory**

This label identifies a feature that requires an optional Motorola Original® accessory.

# *Installing and Removing the SIM Card*

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory.

**Caution:** Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

## *Inserting the SIM Card*

| Action |
|--------|
| **1** Locate the SIM card slot on the side of the device. |

SIM card Slot

| Action |
|--------|

**2** Open the rubber protective cover, and insert the SIM card into the slot.

**Note:** Position the SIM card as shown, with the chip facing the back of the device and the notched corner to the outside of the slot.

**3** Close the rubber protective cover.

## *Removing the SIM Card*

| Action |
|--------|

**1** Open the battery door and remove the battery.

| Action |
| --- |
| **2** Insert the tip of the stylus into the hole in the battery compartment, as shown. |
| **3** Use the stylus to push the SIM card out, then remove the card. |
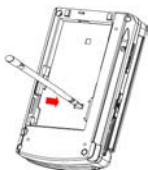
# *Installing and Removing the SD Card*

Your Motorola MPx has an SD card slot for an SD (Secure Digital) memory card. An SD card expands the memory capacity of your Motorola MPx. You can purchase SD cards from a computer store.

**Caution:** Make sure that no foreign objects enter the SD card slot of your Motorola MPx.

**Note:** For more information, refer to the documentation for the SD card.

## *Installing the Card*

| | **Action** | |
|---|---|---|
| **1** | Locate the SD card slot and open the rubber protective cover. | |
| **2** | Insert the SD card as shown, with its label facing the front and the connector pointing to the slot. | |
| **3** | Push the card into the slot until it fits into place, and close the rubber protective cover. | |

## *Removing the Card*

| | **Action** |
|---|---|
| **1** | Close any application that uses the SD card. |

| | Action |
|---|---|
| **2** | Press the memory card in. When you release it, it pops up. |
| **3** | Remove the card and close the cover. |

# *Battery Use*

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your device; the features and/or settings you select and use; items attached to the device's accessory connector port; and your voice, data, and other application usage patterns.

**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 device warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

- New batteries or batteries that have been stored for a long time may require a longer charge time.

- Maintain the battery at or near room temperature when charging.

- Do not expose batteries to temperatures below - 10°C (14°F) or above 45°C (113°F). Always take your device 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.

- Batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

The rechargeable batteries that power this device must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

**Warning:** Never dispose of batteries in a fire because they may explode.
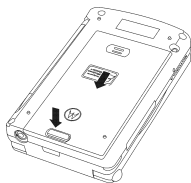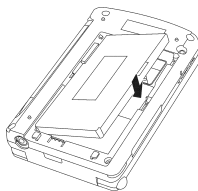
# Installing the Battery

Your Motorola MPx is designed to use only Motorola Original batteries and accessories.

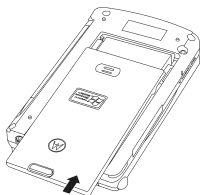| | **Action** | |
|---|---|---|
| **1** | Press the battery latch, slide the battery cover outward, and lift the battery cover. | |
| **2** | Insert the battery into the battery compartment. | |
| **3** | Replace the cover. **Note:** The device will not function without the cover properly in place. | |

# Charging the Battery

New batteries are shipped partially charged. Before you can use your device, you need to install and charge the
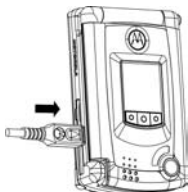
battery as described below. Some batteries perform best after several full charge/discharge cycles.

| | **Action** |
|---|---|
| **1** | Plug the travel charger into the device, with the release tab facing up. |

Release Tab

| **2** | Plug the other end of the travel charger into the appropriate electrical outlet. |
|---|---|

| **3** | When the notification LED on the device lights green (full-charged), press the release tab and remove the travel charger. |
|---|---|

LED

The notification LED displays the following charging status:

- Yellow—Battery is charging but cannot be used (the "pre-charge" state).

- Orange—Battery is charging.

- Green—Battery is fully charged.

**Tip:** You can safely leave the charger connected to the device after charging is complete. This will **not** damage the battery.

# Removing the Stylus

The stylus for your Motorola MPx fits into a slot on the back of the device. When you need to use the stylus:

| | **Action** |
|---|---|
| **1** | Pull the stylus from the slot. |
| **2** | Remove the stylus from the device. |

# *Opening the Device*

Your Motorola MPx allows you to operate in 2 modes: *Portrait* and *Landscape* (see pages 2 and 5).
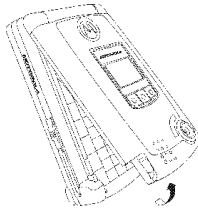
Portrait mode is typically used for phone functions. Landscape mode is typically used for Motorola MPx functions.

**Note:** The screen will orient automatically according to the open mode.

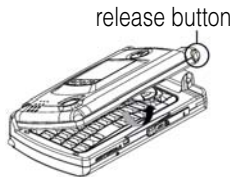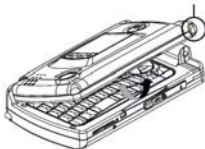| Action |
|---|
| *To open the device for Portrait mode*, push the cover from the outside (near the speaker). |
| *To open the device for Landscape mode*, press the release button on the hinge and lift the cover from the right side. |

release button

**Note:** Do not open the device to Landscape mode when it is already halfway opened to Portrait mode.

# *Turning the Device On and Off*

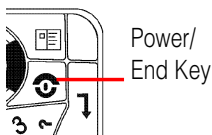| | **Action** |
|---|---|
| **1** | Open the device. |



| **2** | Press the **Power/End** key to turn on the device. |
|---|---|

Power/End Key

**3** If necessary, enter your SIM card PIN code to unlock the SIM card.

**Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your device displays **SIM Blocked**.

**4** If necessary, enter your 4-digit unlock code to unlock the device.

**Notes:**

- Pressing and holding the **Power/End** key longer than 7 seconds can suspend the device. The following events will wake up a suspended device: receiving an MT call or an SMS or MMS message; plugging in a USB cable or AC adapter; pressing a phone or application key (**Power/End**, **Send**, **Camera**, or **Inbox**);

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pressing the Reset switch; inserting a SIM card (which resets the device).

- While an AC adapter is inserted, the device cannot be suspended.

- When the battery cover is removed, Flight Mode is activated.

- If the device responds slowly or stops responding, press the **Reset** switch to reset the device.

- If necessary, you can perform a hardware reset.

  To perform a hardware reset, simultaneously press the **Send** key and **Reset** switch.

**Note:** Performing a hardware reset will cause the loss of data and memory.

## *Calibrating the Screen*

You must calibrate the screen response of your Motorola MPx to ensure proper operation. This process ensures that when you tap an item on the screen, the item is activated.

**Note:** With use, the tip of the stylus may become worn or may pick up foreign particles that scratch the screen. A damaged stylus may not move smoothly and can cause unpredictable results when used. If your stylus exhibits these problems, replace the stylus by contacting your reseller.

## *Calibrating the Screen for the 1st Time*

When you power on your Motorola MPx for the 1st time:

| Action |
|---|
| Using your stylus, tap the center of the cross as it moves around the screen. |

**align screen**

Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.

## *Recalibrating the Screen*

Recalibrating the screen may be required in these situations:

- You use the stylus differently (for example, with the opposite hand) than whoever used the device last.

- The screen has not been calibrated for a long time. If the device fails to respond appropriately when you tap an item, the device has lost calibration.
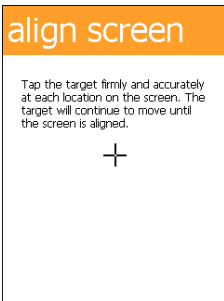
To recalibrate the screen:

| | Action |
|---|---|
| **1** | Using your stylus, tap 🏁 > **Settings**. |
| **2** | Tap the **System** tab. |
| **3** | Tap the **Screen** item. |

| | Action |
|---|---|
| **4** | Tap the **Align Screen** button. |
| **5** | Using your stylus, tap the center of the cross as it moves around the screen. | align screen<br><br>Tap the target firmly and accurately at each location on the screen. The target will continue to move until the screen is aligned.<br><br>+ |

# *Making a Call*

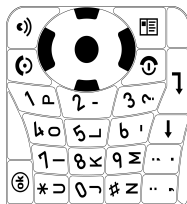| | Action |
|---|---|
| **1** | On the device's keypad, press the number keys to enter the number you want to call.<br><br>**Note:** Make sure the device is set to Symbolic input mode ![Symbolic icon]. (Press [**ALT**] then [**Shift**] to change between Symbolic ![Symbolic icon] and Alpha input mode ![abc icon].) |
| **2** | Press the **Send** key ![Send key icon]. |

# *Answering an Incoming Call*

| **Action** |
| --- |
| Tap **Answer** or press the **Send** key ⊙ to answer the call. |
| Tap **Ignore** or press the **End** key ⊙ to reject the call. |

**Tip:** You can set to open the cover to answer an incoming call by tapping 🎨 > **Settings** > **Input Mode** > **flip open to answer/close phone**.

**Tip:** If you receive an incoming call when the cover is closed, you can also press the right **Application** key to reject the call.

# *Ending a Call*

| **Action** |
| --- |
| Press the **End** key ⊙. |
| **or** |
| Tap **End**. |

**Note:** For information on using the external display and application keys for the phone function, see page 65.

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# *Learning to Use Your Motorola MPx*

## *Using Your Device's Menus and Features*

The **Today** screen contains important information about your device, including today's appointments and status icons. Tap an icon on the **Today** screen to open the associated program.
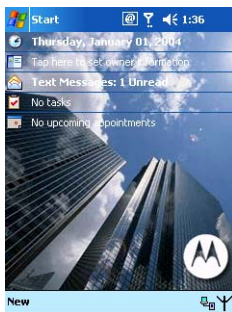


**Note:** The **Today** screen of your device may differ from what is shown above.

The following status indicators may be displayed at the top of the screen:

| Status Icon | Description |
|---|---|
| ◀ɛ / ◀× | System sound is on/off. To switch the sound mode, tap the icon and select **On**, **Vibrate**, and **Off**. |
| ▭ / ▭! | Main battery is low or very low. |
| @ / ⓐⓑⓒ | Current input mode is **Symbolic mode** or **Alpha mode**. |
| ▜ıl | The connection to your mobile phone service provider is on, and the strength of the signal is indicated. |
| ▜! | No signal. |
| ▜× | The connection to your mobile phone service provider is off. |
| ● | 1 or more instant messages has been received. |
| ✉ | 1 or more e-mail, SMS, or MMS messages has been received. |
| ⁺ıl | Internet (GPRS) Connection is active. |
| ⁺ıl | Server synchronization is occurring. |
| ⧫ | Tap this icon to view all notification icons. (There are more notification icons to be displayed than there is room to display them.) |
| | Synchronization is beginning or ending. |
| ⬚ᵈ | Wireless connection is active. |

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| Status Icon | Description |
|---|---|
| | Bluetooth connection is active. |
| ⚞ᴵ | USB connection is active. |
| 🇬 | GPRS connection is available. |

## *The Command Bar*

At the bottom of the screen is the **Command** bar, with menus and options you can use to perform tasks in programs. Depending upon which program you are using, the options may vary from those shown.

New Edit Tools 🖼 ✑                    ⌨ ▲

Tap to select    Tap to select        Tap to display
menu commands.   button               the input panel.
                 commands.

## *The Start Menu*

The **Start** menu allows you to select programs for use, access settings, or open Help topics. To display the **Start** menu, tap W from the top of any screen or press the Start key on the keyboard.

### *Pop-up Menus*

Pop-up menus allow you to quickly perform an action on an item. To access a pop-up menu, tap and hold (continuously touching the screen) the item on which you want to perform the action or use the menu key on the keyboard.

When the menu appears, start a function or application by using the 4-way navigation key and the Action key, or by tapping on the label of the function or application. For example, you can use a pop-up menu to delete or make a copy of an item. Tap anywhere outside the menu to close the menu without performing an action.
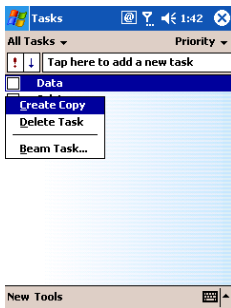
## *Entering Information*

You can enter information into your Motorola MPx in the following ways:

| Entry Method | Description |
|---|---|
| **Typing** | Type with the keypad/Input panel. |
| **Writing** | Write directly on the screen with the stylus. |
| **Drawing** | Draw directly on the screen with the stylus. |

*Learning to Use Your Motorola MPx*

| Entry Method | Description |
|---|---|
| Recording | Use the microphone to record a spoken message or note. |
| Synchronizing | Use Microsoft® ActiveSync® to exchange or copy information between your PC and device. |

## *Entering Text with the Keypad and Keyboard*

You can type letters and numbers on the keypad just as you would on a typical computer keyboard. Use the 4-way navigation key to move the cursor as you type.

Move the cursor up for one line.

Move the cursor left for one space.

Move the cursor right for one space.

Move the cursor down for one line.
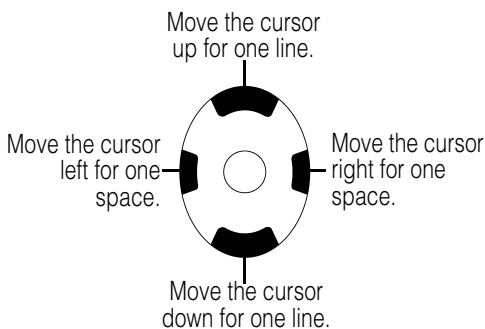
A 12-key numeric keypad is embedded in the keypad. To enter a number, press [**ALT**], then the desired number(s) or symbol (if in alpha mode).

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The following table lists all special keys and their functions:

| Press | To |
|---|---|
| [ALT] | toggle between letters and numbers |
| [shift] | toggle between uppercase and lowercase |
| [tab] | insert a tab |
| [shift] then [ALT] | toggle between the alpha and symbolic modes |

## Entering Text with the Input Panel

To show or hide the selected input method, tap 🔲▲ on the command bar. To select a different input panel, tap the 🔲▲ arrow, then tap the input panel that you want.

**Options...**

**Block Recognizer**
• **Keyboard**
**Letter Recognizer**
**Transcriber**

New Edit Tools 🔲 ✏
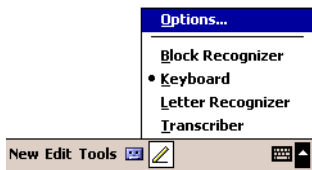
When you use the keyboard input panel, your device anticipates the word you are typing or writing and displays it above the input panel. When you tap the displayed word, the word is inserted at the insertion point. The more you use your device, the more words it learns to anticipate.

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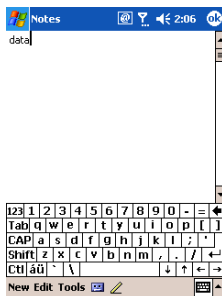
To type with the on-screen keyboard:

| Action |
| --- |
| **1** Tap the arrow beside the **Input Panel** button, then tap keyboard. |
| **2** Enter text by tapping the appropriate characters. Some tips are listed below: |

- To type a single uppercase letter or symbol, tap the **Shift** key. To tap multiple uppercase letters or symbols, tap the **CAP** key.

- For uppercase, tap and hold the stylus on a key, then drag up.

- To add a space, tap and hold any key, then drag the stylus to the right across at least 2 others.

- To backspace 1 character, tap and hold any key, then drag the stylus to the left across at least 2 others.

- To insert a carriage return, tap and hold the stylus anywhere on the keyboard and drag down.

## *Writing on the Screen*

In any program that accepts writing, such as **Notes**, the **Notes** tab in **Calendar**, **Contacts**, and **Tasks**, you can use your stylus to write directly on the screen, just as you write on paper. You can edit and format what you have written and convert the information to text at a later time.

## *Entering New Text*

| **Action** | |
|---|---|
| **1** Tap the pen button � to enter writing mode.<br><br>Your device displays lines to help you write. | 🏁 Notes   @ � ◀ 2:14 �<br><br>*text*<br><br>*input*<br><br>New Edit Tools ☐ �   ▤ ◀ |
| **2** Use the stylus to write directly on the screen. | |
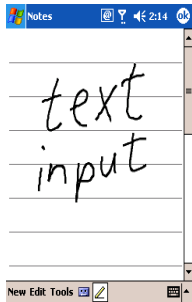
**Note:** Some programs that accept writing may not have the pen button. See the documentation for that program to find out how to switch to writing mode.

## *Editing or Formatting Text*

To edit or format writing:

| **Action** |
|---|
| **1** Tap and hold the stylus beside the text you want to select until the insertion point appears. |
| **2** Without lifting the stylus, drag it across the text you want to select. |

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| **Action** |
|---|
| **3** To cut, copy, or paste the text, tap and hold the selected text, then tap the desired editing command on the pop-up menu. |
| **or** |
| Tap the desired editing command on the **Edit** menu. |

If you accidentally write on the screen, tap **Tools**, then tap **Undo**, and try again.

You can also select text by tapping the pen button 🖊 to exit writing mode, then dragging the stylus across the screen.
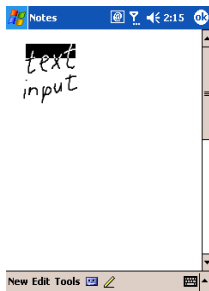
## *Drawing on the Screen*

When you enter writing mode, you can create a drawing instead of writing text.

### *Creating a Drawing*

| **Action** |
|---|
| **1** Tap the pen button 🖊 to enter writing mode. |
| Your device displays several horizontal lines. |

| **Action** |
| --- |
| **2** With the 1st stroke of your stylus, cross over 3 ruled lines. |

A drawing box appears.

**Note:** A stylus stroke that does not cross 3 ruled lines is entered as writing.
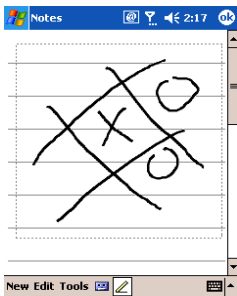
| |
| --- |
| **3** Use your stylus to create the drawing inside the drawing box. (All subsequent strokes inside the box or touching it become part of the drawing.) |

### *Editing or Formatting a Drawing*

| **Action** |
| --- |
| **1** Tap and hold the stylus on the drawing until the selection handle appears.

To select multiple drawings, deselect the pen button, then drag to select the drawings you want. |

| **Action** |
| --- |

**2**    To cut, copy, or paste the drawing, tap and hold it, then select the desired editing command on the pop-up menu.

> **or**

Tap the desired editing command on the **Edit** menu.
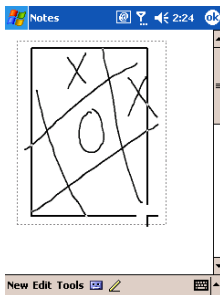
To resize the drawing, tap the pen button [✎], then drag a selection handle.

**Tip:** To change the zoom level, tap **Tools**, then select a zoom level.

# *Adjusting Device Volume*

## *Adjusting System Volume*

You can adjust the volume of system notifications, such as the sound you hear when you tap on program names and menu options.

| **Action** |
| --- |

**1**    Tap the ◀€ icon.

|   | **Action** |   |
|---|---|---|
| **2** | Move the system volume slider ▯ to the desired volume level. |  |
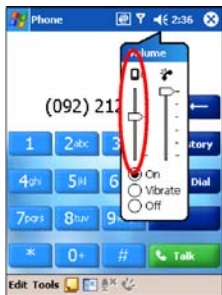
## *Changing Ringer Volume*

|   | **Action** |   |
|---|---|---|
| **1** | Tap the ◀€ icon. |   |
| **2** | Move the ringer volume slider ✦ to the desired volume level. |  |
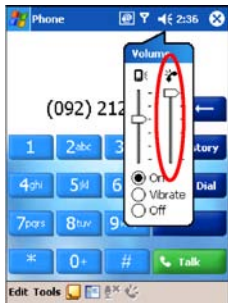
**Note:** You can also adjust the volume using **Profiles** by tapping ⬛ > **Settings** > **System** > **Profiles**.

## *Muting the Sound*

To mute system sounds or phone ringer, or to activate vibrate mode:

| **Action** |
| --- |

**1** Tap the ◀€ icon.

**2** To turn off the volume, select **Off**.
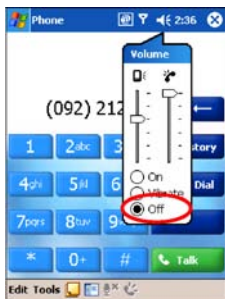
To activate vibrate mode, select **Vibration.**
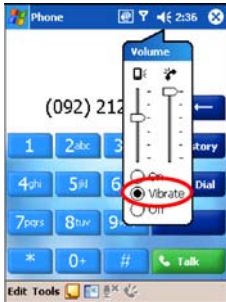
**Tip:** You can adjust phone earpiece volume only during a call. Adjusting the volume at another time affects the ring and notification levels.

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# Checking Your Device Connection

Your Motorola MPx is set to establish an automatic mobile phone connection to your service provider's network.

The icon $\mathbf{Y}$ indicates that you are connected to the network of your service provider's network. A full strength signal is indicated by the ⚌ icon. As the strength of the signal diminishes, there is an exclamation point with the antenna.

# Setting Your Device to Flight Mode

> ⚠ IN MANY COUNTRIES YOU ARE REQUIRED BY LAW TO TURN OFF YOUR PHONE WHEN YOU FLY. TURNING OFF YOUR MOTOROLA MPx DOESN'T TURN OFF YOUR PHONE; YOU MUST TURN **THE FLIGHT MODE ON** IN ORDER TO DISCONNECT THE WIRELESS CONNECTION TO YOUR OPERATOR'S NETWORK.

To turn off your wireless connection to your operator's network, you can set your phone connection to **Flight** mode. You can turn on/off **Flight** mode without turning off your device, or via the wireless icon on the lower right corner of

the Today screen. This feature enables you to continue using other programs on your Motorola MPx.

| | **Action** |
|---|---|
| **1** | While using any program on your Motorola MPx, tap 📶 in the title bar at the top of the display. |
| **2** | In the pop-up menu, tap **Turn on flight mode** or **Turn off flight mode**. |

To receive calls when your Motorola MPx is turned off, exit the **Turn on flight mode**.

## *Using a Headset*

If you are using a headset or similar device with your Motorola MPx, your Mototora MPx will send incoming sounds to the headset only.

## *Using a Remote PTT Button*

If you are using a headset or other accessory with a remote push-to-talk (PTT) button, you can use the remote PTT button to answer calls, switch between calls, and end calls without needing to open the device.

# Programs

The following are some of the programs included with your Motorola MPx.

| Icon | Program | Description |
|------|---------|-------------|
| | **ActiveSync** | Synchronize information between your device and desktop computer. |
| | **Calendar** | Keep track of appointments, creates meeting requests. |
| | **Contacts** | Keep track of your friends and colleagues. |
| | **Messaging** | Send and receive e-mail/SMS/MMS messages. |
| | **Pocket Internet Explorer** | Browse Web and WAP sites, download new programs and files from the Internet. |
| | **Notes** | Create handwritten or typed notes, drawings, and recordings. |
| | **Phone** | Make and receive calls, switch between calls, set up conference calling. |
| | **Tasks** | Keep track of your tasks. |
| | **Windows Media Player** | Enable multimedia function. |

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| Icon | Program | Description |
|---|---|---|
|  | **Pocket Excel** | Create new workbooks, view and edit Microsoft Excel® workbooks created on your desktop computer. |
|  | **MSN Messenger** | Send and receive instant messages with MSN® Messenger contacts. |
|  | **Pocket Word** | Create new documents, view and edit Microsoft Word® documents created on your desktop computer. |
|  | **Camera** | Take new photos, view photos and send them via MMS to friends. |
|  | **Calculator** | Perform basic arithmetic. |
|  | **SIM Manager** | Collect, organize, sort **Contacts** list stored in your SIM card. |
|  | **SIMToolKit** | An ETSI/SMG standard for value-added services and e-commerce to do the transactions. |
|  | **Enroller** | Obtain and administer certificates used for 802.1x validation. |

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| Icon | Program | Description |
|------|---------|-------------|
| ⚡ | **Cell Broadcast** | An add-on service that allows you to receive a variety of information such as weather forecast, stock, and traffic. |
| 📞 | **Voice Commands** | Record voice commands, then speak them for your device to automatically dial the associated phone number. |
| 🖼 | **Photo Album** | View the photos stored on your device. |
| 📷 | **Pictures** | Collect, organize, and sort **.jpg** picture files on your device. |
| 🦋 | **Pocket MSN** | The web browser specifically designed for handheld devices. |
| 🎬 | **Media Center** | Manage the digital rights management (DRM)-enabled content files on your device. |

You can switch between programs by selecting from the **Start** menu. To access more programs, tap 🎨 > **Programs**, and then tap the desired program icon.

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# *DataBackup*

**DataBackup** enables you to back up data and applications from your device's internal memory to an SD card, and to restore backup data and applications to your device.

## *Performing Backup*

| | **Action** |
|---|---|
| **1** | Insert an SD card (with enough free space for the backup file) to the device. |
| **2** | Close all running programs. |
| **3** | Tap W > **Programs** > **DataBackup**. |
| **4** | In the **Backup** tab, select whether to accept the default filename (backup) or type a new one by tapping the keyboard icon on the bottom of the screen. |
| **5** | Select the backup scope: **All data** or **PIM Only**. |
| **6** | Tap the 🔙 button to perform data backup. |

**Notes:**

- Do not use your device or remove the SD card during the backup process.

- Tapping the **Cancel** button during the backup process can stop the backup file.

## Restoring Data and Applications

| | Action |
|---|---|
| **1** | Insert the SD card with the backup files you wish to restore. |
| **2** | Close all running programs. |
| **3** | Tap 🏁 > **Programs** > **DataBackup**. |
| **4** | In the **Restore** tab, tap the file you wish to restore. |
| **5** | Tap the **Start** button to perform data restore. |
| **6** | When the restore process is complete, tap the **OK** button to reset the device. |

**Note:** Do not use your device or remove the SD card during the restore process. Otherwise, data will be lost.

# Profiles

**Find the Feature**       🏁 > **Settings** > **System** > **Profiles**

A *profile* is a group of settings saved together so that you can apply them to your device easily. The default profile used with your device is the **Normal** profile.
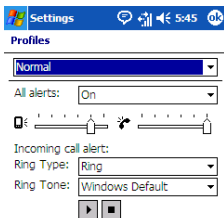
## *Viewing Profiles*

**Find the Feature**　　　　🏁 > **Settings** > **System**
　　　　　　　　　　　　　　> **Profiles**

| Action |
|---|
| Select the profile you want to view from the drop-down menu. |

## *Switching Profiles*

**Find the Feature**　　　　🏁 > **Settings** > **System**
　　　　　　　　　　　　　　> **Profiles**

| | Action |
|---|---|
| **1** | Select the profile you want to apply from the drop-down menu. |
| **2** | Tap **OK**. |
| **3** | Tap **OK** on the confirmation screen to save the change. |

# *Media Center*

**Find the Feature**　　　　🏁 > **Programs**
　　　　　　　　　　　　　　> **Media Center**

**Media Center** provides you with an easy way to manage the DRM-enabled content files on your device. You can use Media Center to control four categories of content including images, audio files, videos and ring tones.

### *Main Menu*

You can select which of the 4 media categories you want to browse on the Main Menu of **Media Center**.
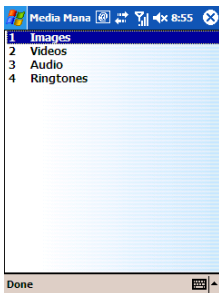
### *Media View*

After selecting a media category, the screen displays **Media View** with a list of all files of the media type that you previously selected in the Main Menu.

The media content is displayed in the **Media View** as a list of file names, sorted alphabetically. Each file is marked with a status icon. These icons gives you a quick overview of the DRM rights associated with each file.
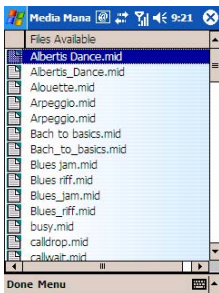
| Icon | Description |
|------|-------------|
| 📄 | Non-DRM file. This is not a DRM-protected file. |
| 🟢 | Valid. The rights associated with this file are valid and up to date. |
| 🟡 | Warning. The rights for this file are about to expire. |
| 🕐 | Pending. This file's rights are set to start in the future or are pending arrival on the device. |
| 🔴 | Expired but renewable. The rights for this file have expired but can be renewed. |
| 🚫 | Expired and non-renewable. The rights for this file have expired and cannot be renewed. |

## Managing Media Content

You can use a set of menu options to manage the media content.

| Menu Option | Description |
|-------------|-------------|
| **Send As** | Transfer a file to another remote device using Bluetooth or infrared connection. Both DRM and non-DRM files can be sent in this manner. |

| Menu Option | Description |
|---|---|
| **Renew Rights** | Download updated rights for the selected media content. **Media Center** will launch **Pocket Internet Explorer** and direct you to a website for renewing rights. |
| **Show Rights** | Display rights-related details for a piece of media. |
| **Delete File** | Remove both regular files and DRM-protected files from your device. When deleting a piece of DRM-protected media, all the licenses associated with that media are removed. |
| **Set as Ringtone** | This option is available only in the **Ringtones** media view. It enables you to designate the currently selected media file as the default ring tone for the phone. |

## *Using the External Display*

When your device is powered on and the flip is closed, the external display shows the device status, including battery and network signal status. It also shows the time.

When you receive an incoming call, the external display shows the caller's number or name. To answer the incoming call, open the flip. If using a headset, press the middle application key to answer the incoming call without opening the device.

**Note:** To see a caller's name on the external display, the caller's number must match an entry in your phonebook external display.

The external display allows you to open and control some programs quickly by using the application keys at the bottom of the external display.

## *External Display Components*

### *Main Screen*



The following table lists the icons that may appear on the main screen of the external display.

| Icon | Meaning |
|------|---------|
| | no radio signal |
| | flight mode |
| | searching radio signal |
| | radio signal strength |
| | new message |
| | battery status |
| | roaming |
| | silent |

| Icon | Meaning |
|------|---------|
| 涎 | vibrate |
| 涎 | vibrate then ring/vibrate and ring |
| ♪ | ring loud (ringer volume $\geq$ 3) |
| ♪ | ring soft (ringer volume < 3) |
| 🔲 | GPRS connected |

### Application Keys and Command Bar

There are 3 application keys located below the main screen of the external display. Each of the application keys performs the command displayed in the command bar at the bottom of the main screen.

To display the command bar, press the middle application key. The following table displays the common keys and their meanings.

| Icon | Meaning |
|------|---------|
| ☰ | menu/select |
| ◀ | previous |
| ▶ | next |
| ◉ | apply |

### Easy Program Operations

Through the external display and the application keys, you can easily use some programs, including **Profiles**, **MP3**

**Player**, **Voice Notes**, **Wallpaper** and **Ring Tones**. Press the ☰

key, then the ◀/▶ key to select a program, and then press

the ● key to open the selected program.

The following table displays the icons and meanings of these programs.

| Icon | Program |
|------|---------|
|      | **Profiles** |
|      | **MP3 Player** |
|      | **Voice Notes** |
|      | **Wallpaper** |
|      | **Exit** |

### *Profiles*

You can change the profile of your Motorola MPx in the **Profiles** program. The options are **Normal**, **Meeting**, **Silence**, **Headset**, **Car**, and **Custom**.

By system default, **Normal** profile is applied. You can switch the **Profile** in the external display or by selecting **Settings** > **Profiles**. For example, you may want to quickly switch to **Meeting** or **Silence Profile** while in an meeting. **Car Profile** or **Headset Profile** will be automatically applied when the car kit

or headset is in. To configure the **Profiles** settings, select **Settings** > **Profiles**.

### *MP3 Player*

The following table displays the available buttons for use in the MP3 Player program.

| Icon | Meaning |
|------|---------|
|      | Play |
|      | Pause |
|      | Stop |
|      | Previous |
|      | Next |
|      | Volume |
|      | Volume Up |
|      | Volume Down |
|      | Exit |

### *Voice Notes*

You can record only 1 voice note. A 2nd voice note will replace the 1st one. The file of the recorded voice note is stored in the **\My Documents** folder of your device.

The following table displays the available buttons for use in the **Voice Notes** program.

| Icon | Meaning |
|------|---------|
|  | Record |
|  | Exit |
|  | Stop |
|  | Delete |
|  | Play |
|  | Recording |
|  | Playback |

### *Wallpaper*

You can change the wallpaper of the external display. You can also copy your own files to the **\My Documents\Wallpaper** folder of your device for selection. The supported file formats are \*.**bmp**, \*.**jpg** and \*.**gif**.

## *Phone Function in the External Display*

When you receive a call, the name (if the caller is a contact saved in **Contacts**) or number (if the caller is not a contact saved in **Contacts**) of the caller is displayed on the external display.

When the headset or car kit is connected to your Motorola MPx, you can respond to an incoming call using the external display without opening your device.

- When you receive a call, press the Accept button to answer the call, or the Reject button to reject the call. (Only **Reject** appears on the external display if the headset or car kit is not connected to the device.)

  - During a call, press the Mute button to mute the microphone, or the 🔊 key to end the call.

If there are missed calls, the screen displays the number of the missed calls. If you receive a SMS, MMS or email message, the notification is displayed on the screen. You can also read a SMS message directly on the external display.

### *Setting Up a Conference Call*

| | Action |
|---|---|
| **1** | When a third party calls in during a two-way phone session, press the **Accept** Application key to put the second part on hold and answer the call from the third party. |
| **2** | Press the middle Application key to initiate the three-way phone session. |
| **3** | Press the middle Application key again to set up the three-way phone session. |
| **4** | To end the three-way phone session, press the **End** Application key. |

## *Key Lock/Unlock*

You can lock and unlock the application keys below the external display.

| | Action |
|---|---|
| **1** | To lock the keys, press the right and left keys at the same time. |
| **2** | The confirmation screen appears. Press the **Menu/Select** key to confirm. |
| **3** | To unlock the keys, repeat the above procedure. |

# Setting Up Your Device

## Device Settings

You can adjust device settings to suit the way you work.

**Find the Feature**   > **Settings**

| Action |
| --- |
| Tap **Personal** or **System**. You will see displayed icons representing settings that can be adjusted. |

### Personal Tab

| Icon | Program | Description |
| --- | --- | --- |
| | **Buttons** | Assign an application to a hardware key. |
| | **Input** | Set up the **input** options. |
| | **Menus** | Customize items in **Start** menu, enable access to items from **New** button. |
| | **Owner Information** | Display personal information. |
| | **Password** | Limit access to device. |

| Icon | Program | Description |
|------|---------|-------------|
| | **Phone** | Configure phone functions. |
| | **Sounds and notifications** | Set up notification type, event, and volume. |
| | **Today** | Customize **Today** screen appearance. |

## *System Tab*

| Icon | Program | Description |
|------|---------|-------------|
| | **About** | Display important device information. |
| | **Certificates** | Display name of certificate issuer and expiration date. |
| | **External Display** | Adjust external display settings. |
| | **Clock & Alarms** | Change time, set alarms. |
| | **Memory** | Display memory allocation status and current running programs. |
| | **Power** | Display battery power status and time-out period to sleep mode. |
| | **Profiles** | Change or customize profiles. |
| | **Regional Settings** | Customize regional settings. |

*Setting Up Your Device*

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| Icon | Program | Description |
|------|---------|-------------|
| | **Remove Programs** | Create more memory by removing programs. |
| | **Screen** | Re-calibrate screen, enable/disable **Clear Type**. |
| | **Screen light** | Customize backlight and brightness to save power. |
| | **System Viewer** | Find information about version, hardware, and system. |

# *Calling Features*

## *The Dialer Screen*

To access the **Dialer** screen, tap  > **Phone**, or press the Send key .

From this screen, you can access **Call History** and **Speed Dial**. This screen also includes following information and functionality:

- last number details

- keypad for entering information

- task bar to access phone setting

- history information, including all received, dialed and missed calls

  - frequently-called numbers

  - roaming icon (when you are not in local network service)

- call duration timer during the call
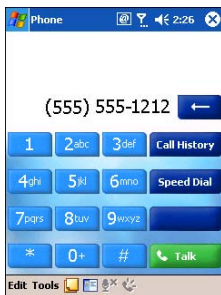
## *Making a Call*

Your Motorola MPx provides you with several ways to make a call:

- keypad

- **Dialer** screen

- **Call History**
- **Contacts**
- **Speed Dial**
- SIM Manager
- Speech Recognition

## *Calling from the Dialer*

| Action |
| --- |
| **1** Press the Send key  or tap  > **Phone** to display the **Dialer** screen. |

(555) 555-1212

| 1 | 2abc | 3def | Call History |
| 4ghi | 5jkl | 6mno | Speed Dial |
| 7pqrs | 8tuv | 9wxyz | |
| * | 0+ | # | Talk |
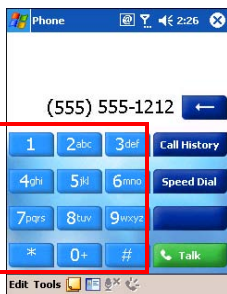
**2** Tap the number on the **Dialer** keypad.

**Tip:** If you tap a wrong number, tap the Backspace button  or the Backspace key on the keyboard in the numeric mode to erase individual numbers 1 at a time. You can also delete all the numbers in the window by tapping **Edit**, then **Clear**.

(555) 555-1212

| 1 | 2abc | 3def | Call History |
| 4ghi | 5jkl | 6mno | Speed Dial |
| 7pqrs | 8tuv | 9wxyz | |
| Clear | | | Talk |
| Paste | | | |

**71**
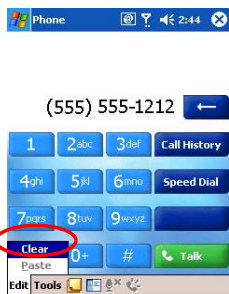
| **Action** |
| --- |
| **3** Tap the **Talk** button <span>&#9634; Talk</span> or press the **Send** key <span>&#9742;</span>. |

## *Calling from Call History*

You can quickly call someone you have recently called or someone who has recently called you.

**Find the Feature**　　　<span>🎨</span> > **Phone**

| **Action** |
| --- |
| **1** From the **Dialer** keypad, tap **Call History**. |



| **Action** |
| --- |
| **2** View call details by selecting the category under which it is filed.<br><br>For example, if the desired call is in **All calls**, select **All calls** from the drop down menu. |
| **3** Scroll to the number, then press the Send key N or the icon to the left of the number. |
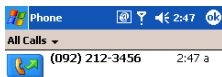
*Calling Features*

## *Calling from Contacts*

You can make a call from **Contacts** without having to look up or manually enter the number.

| | **Action** |
|---|---|
| **1** | Press the **Contacts** key on the phone's keypad. |
| | **or** |
| | Tap 🔄 > **Contacts**. |
| **2** | From the **Contacts** list, tap and hold the contact. |
| **3** | On the popup window, tap **Call Work**, **Call Home**, or **Call Mobile**. |
| **4** | Tap the number you want to call. |
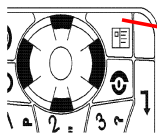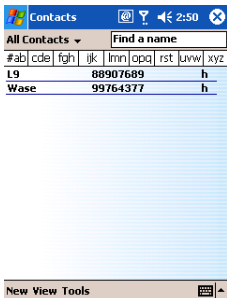
## *Calling from Speed Dial*

Speed dial allows you to call frequently-used numbers with a single tap. Speed dial only works with the on-screen keypad

**Note:** Before you can create a speed dial entry for a phone number, that number must already exist in **Contacts**.

**Find the Feature**     🔧 > **Phone**

| | **Action** |
|---|---|
| **1** | From the **Dialer** keypad, tap **Speed Dial**. |
| **2** | From the **Contacts** list, tap and hold the contact. |
| **3** | On the popup window, tap **Call Work**, **Call Home**, or **Call Mobile**. |

**Phone**    @ 📶 ◀€ 2:53   **ok**

| 1 | Voice Mail |
|---|---|
| 2 | L9<br>88907689 h |
| 3 | Wase<br>99764377 h |
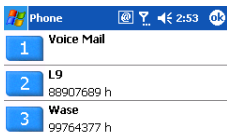
New

| **4** | Select the speed dial location number of the desired contact. |
|---|---|

**Tip:** You can dial a contact with a 1-digit speed dial number directly from the keypad on the screen by pressing and holding the 1-digit number.

For example, to dial the number at location number 3, tap and hold 3 on the **Dialer** keypad.

**Telefon**    ⚙ ◀€ 18:56   **ok**

| 1 | Mailbox<br>+886927000588 |
|---|---|
| 2 | Brown, Maria<br>03412356789 B |
| 3 | Brown, Maria<br>0977654321 M |
| 4 | Cambridge, Felix<br>03456789012 B |

Neu

**Note:** To dial a 2-digit speed dial number from the keypad, tap the 1st digit, then tap and hold the 2nd digit.

## Calling from SIM Manager

**Find the Feature**          *image icon* > **Programs**
                              > **SIM Manager**

| Action |
|--------|
| **1** Tap and hold the name or phone number of the person you wish to call. |
| **2** Select **Call** from the pop-up menu. |

**Tip:** You can tap **File** > **New** to create a new contact in SIM Manager.

## Making a Call with Voice Dialing

You can dial a phone number by speaking a word.

**Find the Feature**          *image icon* > **Programs**
                              > **Speech Recognition**

**Tip:** You can also press the Voice Dial key I to open Speech Recognition.

| | **Action** |
|---|---|
| **1** | Wait for the audio and visual cue, and say "Voice Dial" to the microphone. |
| **2** | Wait for the audio and visual cue, and say the name stored in your contacts list to the microphone. |
| | By default, Speech Recognition will list the possible matches for you to select. |

## *Changing How Voice Dial Works with Names*

If you want to review and confirm names before dialing the associated numbers, you must enable **Choice Lists**. After you say a name, your device prompts you with **Did you say**, followed by the name that most nearly matches the name you spoke. You can confirm the name by saying "Yes" or pressing the **Send** key $\boxed{\textcircled{\tiny{\odot}}}$.

**Find the Feature**
> Programs
> Speech Recognition
> Settings > Choice Lists

**Tip:** You can also press the **Voice Dial** key 🎵 to open Speech Recognition.

**Action**
Tap **Name Dialing** > **Always On** > **OK**.

*Calling Features*

## *Adjusting the Name Sensitivity Setting*

If the phone seldom recognizes your name commands, following the steps to adjust the sensitivity setting:

**Find the Feature**　　　🎵 > Programs
　　　　　　　　　　　　　> Speech Recognition
　　　　　　　　　　　　　> Settings > Sensitivity

**Tip:** You can also press the Voice Dial key 🎵 to open Speech Recognition.

| | **Action** |
|---|---|
| **1** | Tap Names. |
| **2** | Adjust the setting toward Reject Less. |
| **3** | Tap OK. |

## *Changing How Speech Recognition Updates Contacts*

When you start Speech Recognition, it checks to see if you have added or changed names in your contacts list. If the contacts list has changed, Speech Recognition automatically reloads the entire list of names. You can also turn off automatic update and then update the list manually at your convenience.

To turn off automatic update:

**Find the Feature**　　　🎵 > Programs
　　　　　　　　　　　　　> Speech Recognition
　　　　　　　　　　　　　> Settings
　　　　　　　　　　　　　> Contacts Update

**Tip:** You can also press the **Voice Dial** key 🐾 to open Speech Recognition.

| Action |
| --- |
| Tap **Configure** > **Manual** > **OK**. |

## *Dialing a Phone Number by Speaking the Number Continuously*

You can dial valid numbers simply by speaking the number continuously, without pausing between digits. To make sure of the better recognition performance, tap **Setting** > **Digit Dialing** > **Select Location** to select a correct location for the proper digit grammar.

**Note:** The phone recognizes the digits "one," "two," "three," "four," "five," "six," "seven," "eight," "nine," "zero," and "oh." The phone cannot recognize numbers such as "1 eight hundred" for "1 800." Say "1 eight zero zero" instead.

**Find the Feature**        🐾 > **Programs**
                                > **Speech Recognition**

**Tip:** You can also press the Voice Dial key I to open Speech Recognition.

| Action |
| --- |
| **1** Wait for the audio and visual cue, and say "Voice Dial" into the microphone. |

*Calling Features*

**2** Say a valid 7-digit or 10-digit number distinctively, without pausing between digits.

Optionally, you can say the 1st digit of the number. The phone then displays a list of up to 3 numbers and prompts you with **Did you say**, followed by the 1st number in the list.

**3** If the number is correct, say "Yes" to initiate dialing. If the number is not correct, say "No" to hear the next match or select the correct number from the list.

## *Customizing Digit Dialing to Your Voice*

You can adapt Digit Dialing to your personal accent, if necessary. Adaptation involves recording 12 sequences of 4 digits each to teach the device your voice.

**Find the Feature**
> **Programs**
> **Speech Recognition**
> **Settings** > **Digit Dialing**

**Tip:** You can also press the **Voice Dial** key to open Speech Recognition.

| | Action |
|---|---|
| **1** | Tap **Adapt Digits**. |
| **2** | Select your current location and tap **OK**. |

| | **Action** |
|---|---|
| **3** | Tap **Adapt Digits** again and then **OK** to start recording. |

**Tip:** Wait for the beep, then repeat the digits of the 1st sequence displayed on the screen. Follow the on-screen instructions to complete the adaptation.

## *Muting the Microphone during a Call*

During an active call, you can tap the 🎤✖ icon to mute the microphone. The other party will not hear anything you say, but you can still hear the other party.

To turn the microphone back on, tap the 🎤✖ icon again.

## *Using the Speakerphone during a Call*

To use the speakerphone function as a hands-free solution, tap the 🔊 icon. The other party's voice will be magnified and sent out through the speaker. You can then talk without having to hold the device against your cheek.

## *Taking a Note during a Call*

You can take a note during an active call. When you finish the note, your phone saves it as an attachment to your call in the appropriate **Call History** folder.

**Tip:** During an active call, you can switch from the earpiece to the speaker phone by quickly changing from portrait to landscape mode (and vice versa).

## *Taking a Note*

| Action |
|---|
| **1** Tap the 🔲 icon at the bottom of the screen. |
| **2** Enter the note. |
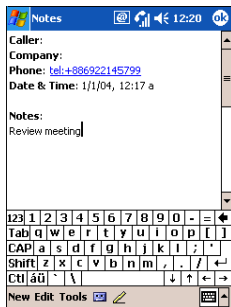
## *Accessing a Note Created during a Call*

**Find the Feature**    🔳 > Phone > Call History

| Action |
|---|
| **1** Select the list where the call is filed. |
| **2** Tap and hold the name or number of the call that includes the note. |

| **Action** |
| --- |
| **3** Tap **View Note**. |

*Screen shows:*
Phone — 12:21

All Calls ▾

+886922145799 — 12:17 a

- Save to Contacts
- **View Note**
- Delete
- Send Text Message
- Call

Tools
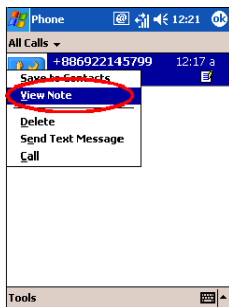
**Tip:** You can also access the note directly from **Notes** in the **Calls** folder.

*Calling Features*

# *Putting a Call on Hold*

Your device will notify you when you have another incoming call. Tap **Answer** to answer the 2nd call and put the 1st on hold.

To end the 2nd call and return to the 1st, tap **End** or press the **End** key.

*Screen shows:*
Phone — 9:03

01:46 — TWN GSM

Phone - Incoming...

TWN GSM

+886922145799

Answer | Ignore

4 ghi | 5 jkl | 6 mno | Speed Dial

7 pqrs | 8 tuv | 9 wxyz | Hold

* | 0+ | # | End

Edit Tools

You can also swap between the 2 calls by tapping **Swap**.

# *Setting Up a Conference Call*

You can create a 3-way phone session between yourself and 2 other parties. A conference call can include up to 6 people.

| Action |
|--------|
| From the **Phone** keypad, dial the 1st number, tap **Hold**, dial the 2nd number, and then tap **Conference**. |
| You can also set up a conference call by accepting 2nd incoming call when you already have one in progress. |

**Action**

To add additional people to your conference call, tap **Hold**, enter the number, and then tap **Resume** to return and continue.

**Note:** You can also create a 3-way phone session using the external display and application keys. See page 67 for detailed information.

# *Managing Your Contacts*

You can import contacts from either your **SIM** card or the **Call History**.

When the SIM card is inserted and radio signal is available, Motorola MPx will automatically make a copy of all SIM contacts in the **From SIM** category of **Contacts**.

## *SIM Manager*

### *Creating a SIM Contact*

**Find the Feature**
> Programs
> SIM Manager

**Note:** Wait for your SIM card contents to load.

**Action**

**1** After the SIM contacts finish loading, tap **New**.

| | **Action** |
|---|---|
| **2** | Fill in the **Name** and **Phone** information, then tap **Add**. |
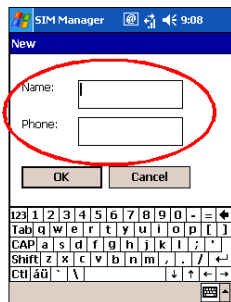
*Saving Contacts from SIM to Contacts*

**Find the Feature**     🎔 > **Programs**
                          > **SIM Manager**

**Note:** Wait for your SIM card contents to load.

| Action |
|---|
| On the **SIM Manager** screen, tap **Tools** > **Select All** > **Save to Contacts**.<br><br>.<br><br>   **or**<br><br>Tap and hold a contact from the list, and then select **Save to Contacts** from the pop-up menu. |
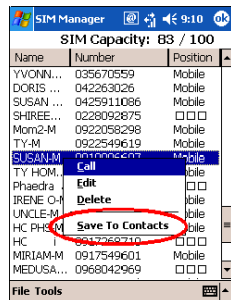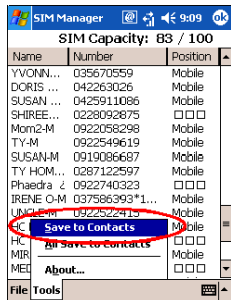
## *Saving Contacts from Contacts to SIM*

**Find the Feature**     🎮 > **Phone** > **Contacts**

**Action**

Scroll to a contact from the list, and tap **Tools** > **Save To SIM**.

| | |
|---|---|
| All Contacts ▾ | Find a name |
| #ab cde fgh ijk lmn opq rst uvw xyz | |
| **John** | **(555) 555-1212** m ▲ |
| JOSEPHINE-* | 0930564697 m |
| Joseph-M* | +886953558719 m |
| Judy Yang* | 0937895233 m |
| KAREN H-M* | 0228728290 m |
| KAREN-M* | 0938026910 m |
| Lee, Henry* | 0922123456 m ≡ |
| Lillian H-* | Copy Contacts m |
| Lillian-M* | Delete Contacts m |
| -M* | Beam Contacts m |
| MEDUSA | Options... m |
| MEDUSA | m |
| MEDUSA | Send Text Message m |
| MIRIAM- | m |
| Mom | Save To SIM m ▼ |
| New View Tools | ▦ ▲ |

**or**
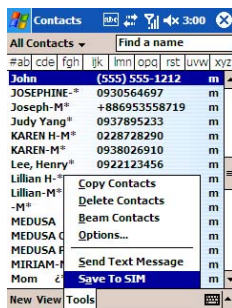
Tap and hold a contact from the list, and select **Save To SIM**.

| | |
|---|---|
| All Contacts ▾ | Find a name |
| #ab cde fgh ijk lmn opq rst uvw xyz | |
| JASMIN H-M* | 0223933371 m ▲ |
| JASMIN-M* | 0958509533 m |
| JODI 2-M* | 0952356633 m |
| JODI-M* | 0227359966*325 m |
| **John** | **(555) 555-1212** m |
| Call Work | 697 m |
| Call Home | 558719 m ≡ |
| Call Mobile | 233 m |
| Send Email | 290 m |
| Add to Speed Dial.. | 910 m |
| | 456 m |
| Beam Contact... | 286 m |
| Delete Contact | 032 m |
| Send Text Message | 912 m ▼ |
| Save To SIM | ▦ ▲ |

*Calling Features*
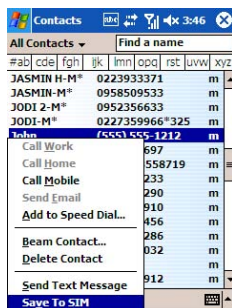
## *Call History*

**Find the Feature**      🔧 > **Phone** > **Call History**

**Call History** details all incoming, outgoing, and missed calls.
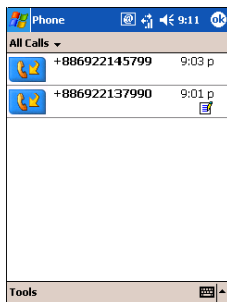
### Adding a Record to Contacts from Call History

| | Action |
|---|---|
| **1** | Find the call record you want to add to **Contacts**. |
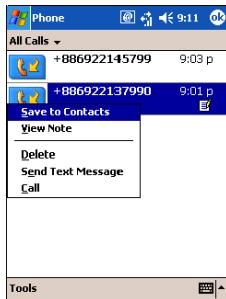
**2** Using the stylus, tap and hold the item to bring up the pop-up menu, and select **Save to Contacts**.

You can add additional contact details in the **Save to Contacts** screen.

### *Viewing Duration of a Call*

| Action |
| --- |
| In the **Call History** screen, find the desired call and tap it once. |

### *Deleting Individual Calls from Call History*

| Action |
| --- |
| Using the stylus, tap and hold on the call you want to delete, then select **Delete** from the pop-up menu. |

### *Deleting All Calls from Call History*

| Action |
| --- |
| In the **Call History** screen, tap **Tools** > **Delete all Calls**. |

### *Setting Call History Size Limits*

| | Action |
| --- | --- |
| **1** | In the **Call History** screen, tap **Call Timers**, |
| **2** | Tap the box under **Delete call history items older than**. |
| **3** | In the drop down menu, select a time period and press **OK**. |

# *Additional Dialing Information*

## *Calling an Emergency Number*

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

| Action |
| --- |
| Enter the international emergency number, then tap ![Talk] or press the Send key ![Send]. <br><br> **Notes:** 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. |

## *Dialing International Numbers*

| Action |
| --- |
| **1** Tap and hold the ![0] key until the + sign appears. The + replaces the international prefix of the country of where you are calling. |

| | **Action** |
|---|---|
| **2** | Enter the full phone number you want to dial. It includes country code, area code (without the leading zero) and phone number. |
| **3** | Tap the **Talk** button [Talk] or press the **Send** key [ꔷ]. |

# *Messaging Features*

You can use your Motorola MPx to send and receive e-mail, text (SMS) messages, multimedia messages (MMS) using respective messaging accounts.

- E-mail messages are sent by using an address you receive from your Internet service provider (ISP) or your employer.

- Text messages are sent and received through your wireless phone service provider by using a phone number as the message address.

- MMS messages are composed of one or more pages, and each page can contain up to one picture, text region, and sound.

To switch between the messaging accounts:

- Press the **Inbox** key repetitively.

- In **Messaging**, tap **Accounts** and select your desired account.

## *E-mail Messages*

You can send and receive e-mail messages in either of these ways:

- Synchronize e-mail messages with Microsoft® Exchange or Microsoft Outlook® on your PC.

- Send and receive e-mail messages by connecting directly to an e-mail server through an Internet Service Provider (ISP) or a network.

**Find the Feature**  *🎯* > **Programs** > **Messaging**
> **Accounts**
> **New Accounts**

| | **Action** |
|---|---|
| **1** | Enter your e-mail address and tap **Next**. |
| | The **Auto-configuration** will attempt to connect to the e-mail server and configure the necessary e-mail settings automatically. |
| **2** | Enter a unique name for the account, **User name**, and **Password**, then tap **Next**. |
| **3** | In the **Account type**, tap **POP3** or **IMAP4**. (POP3 is the most common mail protocol for ISPs.) |
| **4** | Enter your ISP's e-mail server name of **Incoming mail** and **Outgoing mail**, then tap **Finish**. |
| **5** | Connect to your e-mail server by tapping **Accounts** > **Connect**. |

**Note:**

- If auto-configuration is not successful, you need to manually enter the settings.

  - For more explanation, tap *🎯* > **Help**.

*Messaging Features*

## *Synchronizing E-mail Messages*

E-mail messages can be synchronized as part of the general synchronization process. You will need to enable

Inbox synchronization in **ActiveSync**. For information on enabling **Inbox** synchronization, see **ActiveSync Help** on the PC.

During synchronization:

- Messages are copied from the **Inbox** folder on your PC or Exchange server to the **Inbox** folder of the e-mail account on your device. When synchronizing with your PC, ActiveSync® synchronizes the 1st .5 KB of each new message sent to you within the last 3 days each time you synchronize. When synchronizing with a server, ActiveSync synchronizes the first 500 bytes of each new message.

- Messages in the **Outbox** folder on your device are transferred to **Exchange** or **Outlook** and then sent from those programs.

- The messages on the 2 computers are linked. When you delete a message on your device, it's deleted from your PC the next time you synchronize.

- Messages in subfolders or other e-mail folders in **Outlook** should be selected in **ActiveSync** for synchronization.

## Using the Message List

Messages you receive are displayed in the message list. By default, the most recently received messages are displayed first in the list.
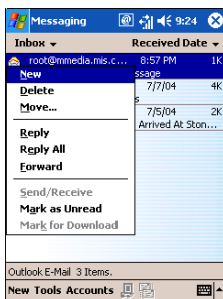
When you receive a message, tap it to open it. Unread messages are displayed in bold.
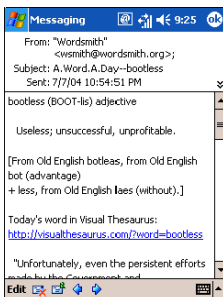
You can mark the messages that you want to retrieve in full during your next synchronization or e-mail server connection. In the message list, tap and hold the message you want to retrieve. On the pop-up menu, tap **Mark for Download**. The icons in the message list give you visual indications of message status.

You specify your downloading preferences when you set up the account or select your synchronization options. You can change them at any time:

- Change options for synchronization using ActiveSync options. For more information, see **ActiveSync Help**.

- Change options for direct e-mail server connections on your device. Tap **Tools** and then tap **Options**. On the **Account** tab, tap the account you want to change. Tap and hold the account and select **Delete** to remove an account.

## *Composing an E-mail Message*

| | **Action** |
|---|---|
| **1** | In the message list, tap **New**. |

| | |
|---|---|
| **2** | In the **To** field, enter the e-mail address of 1 or more recipients, separating them with a semicolon, or select a name from the contact list by tapping the **Address Book** button. All e-mail addresses entered in **Contacts** e-mail fields appear in the **Address Book**. |
| **3** | Compose your message. |
| | **or** |
| | To enter preset or frequently used messages, tap **My Text** and select a message. |

| **Action** |
| --- |
| **4** Tap **Send** when you complete the message. |
| If you are working offline, the message is moved to the **Outbox** folder and will be sent the next time you connect. If you are working online, it is sent immediately. |
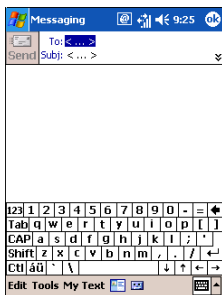
## *Managing Messages and Folders*

Each e-mail, SMS, and MMS account has its own folder hierarchy with 5 default folders: **Inbox**, **Outbox**, **Deleted Items**, **Drafts**, and **Sent Items**. The messages you receive and send through the service account are stored in these folders. You can also create additional folders.

# *Text Messages*

You can send a text (SMS) message from **Messaging** or from the phone **Dialer** screen. All the SMS messages received will be stored in the Inbox of the text message account.

## *Sending an SMS Message*

| **Action** |
| --- |
| **1** In **Messaging**, open a new e-mail message. |
| **2** Select **SMS** account in the **Account** type options. |
| **3** In the **Phone dialer** screen, tap **Tools** > **Send SMS**. |

| | **Action** |
|---|---|
| **4** | In the **To** field, enter the SMS number of 1 or more recipients, using "**;**" to separate them. |
| | **or** |
| | Select a contact by tapping the **Address Book** button. |
| **5** | When you complete the message, tap **Send**. |
| | If you are working offline, the message will be stored in the **Outbox** folder and will be sent when next time you connect. |

# *MMS Messages*

**MMS Composer** is incorporated into your device's **Messaging**, which can be accessed either from the **Start** menu or the **Today** screen. Once the **Inbox** of the MMS message account is open, you can access your MMS message boxes from the top left pull-down:

## *Exiting MMS Composer*

To quit, tap the **X** in the top right corner of the screen while viewing any message box.
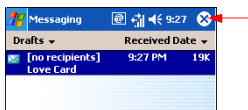
## *Message Boxes*

Use the pull-down to select the **MMS message** box that you wish to view:
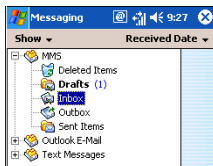
| Entry Method | Description |
|---|---|
| **Deleted Items** | discarded messages |
| **Drafts** | work-in-progress messages. |
| **Inbox** | received messages |
| **Outbox** | messages currently being sent, or those unable to be sent |
| **Sent** | messages that were successfully sent |

## *Creating a Message*

Messages are created by combining various slides. Each slide can consist of a photo or video, audio, and text. Select **New** from the menu of any message box screen to

compose a new message*. Follow this procedure to create a new message:

| | **Action** |
|---|---|
| **1** | To send your message, tap here. |



| **2** | Enter your recipients and subject. Tap the double down arrow to view the **Cc** and **Bcc** fields. |
|---|---|
| **3** | Insert a photo or video. |
| **4** | Enter a text message. |
| **5** | Include an audio clip. |
| **6** | Select the menu for additional, such as previewing and organizing your message. |
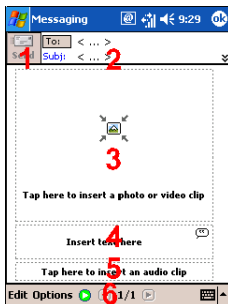
**Note:** You may not automatically be taken to a blank message. If you are instead taken to a page that displays pre-made templates, choose the template you want. If you would prefer to create a blank message next time, check the **Always choose custom** box.

## Adding a Photo or Video

You can add either a still image or a video clip to each individual slide. After you tap the area to add a photo or video, you can select what you want to include.

| | **Action** | |
|---|---|---|
| **1** | This pull-down lets you select a specific location that contains photos/videos. | |
| **2** | Choose either **Photos** or **Videos** from this pull-down. You can only add either a single photo or video clip to each individual slide. | |
| **3** | Tap the specific photo or video clip that you want to add. | |

Tap and hold on a file to see the **File Info** and **Delete** options. **File Info** displays the file name, resolution, date, and size of a photo. When video file information is displayed, the duration of the video is also listed.

**Delete** deletes the file.

| Press | To |
|-------|-----|
| ☑ | Add the selected photo/video to the slide. |
| ☒ | Return to the previous screen. |
| ▤ | Display photos/videos as a file list. |
| ▦ | Display thumbnails (as shown here). |

## *Adding Text*

You can enter new text to any slide with the keyboard or you can insert *canned* text. Canned text is previously saved words or phrases.

| | Action |
|---|--------|
| 1 | Tap the **Canned Text** icon to see a list of pre-saved text messages. |

| **Action** |
| --- |
| **2** Tap the message you want and choose **Select**. |
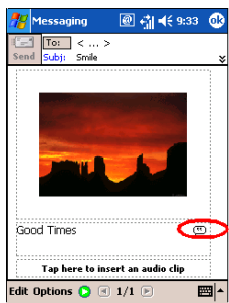
> **or**
>
> Tap and hold on the **Canned Text** screen to view additional options:
>
> **New:** Enter a new canned text message.
>
> **Edit:** Modify an existing canned text message.
>
> **Delete:** Remove the selected canned text from the list.
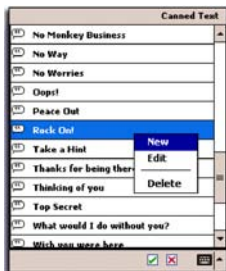
## *Adding Audio*

Single audio clips can be added to each slide. You can either include an existing sound file, or record a new one.

| **Action** |
| --- |
| **1** From the pull-down, select a location that contains audio files. |

| | **Action** |
|---|---|
| **2** | Tap the desired file. |
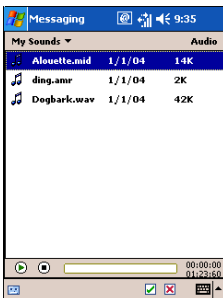
You can view file information similar to how you view photos and videos. Tap and hold on a file, then choose **File info**. (You can also delete the file.) The file name, duration, date, and size are shown.

You can use the playback controls to preview the audio:

🔘 🔘 (**Play/Pause** and **Stop** controls are available.)

To confirm your choice, tap **Select**. Otherwise, tap **Cancel**.

## *MMS Settings*

To view and edit your MMS settings, choose **MMS Settings** from the **Tools** menu that appears at the bottom of the screen while viewing any message box:
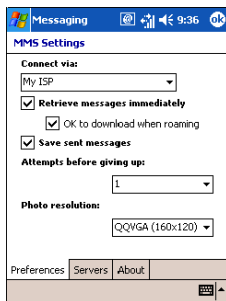
| **Entry Method** | **Description** |
|---|---|
| **Connect Via** | Select your type of network connection from the pull-down. |

| Entry Method | Description |
|---|---|
| **Retrieve Messages Immediately** | Typically, you receive a notification whenever a new message is available. Checking this box downloads new messages automatically. You can also choose to download messages while roaming. |
| **Save Sent Messages** | Save a copy of messages that you send. |
| **Attempts Before Giving Up** | Set the number of times the program will attempt to send your message before stopping. |
| **Photo Resolution** | Choose the resolution for images that you send. You may want to decrease below the original resolution to help the save/receive time. |

The **Servers** tab lists your available servers.

The **About** tab lists various program information.

**Note:** Server settings need to be set for MMS to work properly. These settings are service provider-specific. For correct MMS server settings, contact your service provider.

# *Viewing MMS Messages*

When viewing messages that you receive or send, or when previewing a message you're working on, you have a variety of options.

Use the **Play/Pause/Stop** buttons to view the message. Use the Left/ Right Arrow buttons to skip among the various slides (if applicable). You don't need to see the message straight through; you can skip among the various slides.

Tapping **Objects** on the menu displays a list of all the message components. Tap any component to open/view it. From the **Tools** menu, you can choose to save an object. You can also view the component's file properties.
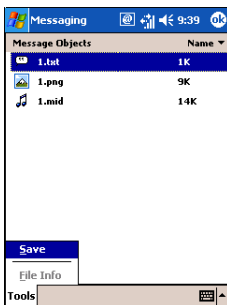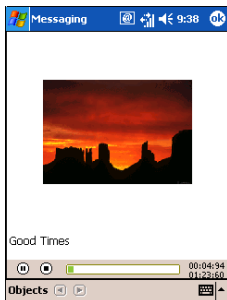
# *Canceling Message Composing*

## *Canceling MMS Messages*

To quit composing a MMS message, tap **Edit** > **Cancel** after you selected a photo on the Choose a MMS sreen.

## *Canceling E-mail and SMS Messages*

To quit composing a e-mail or SMS message, tap **Edit** > **Cancel Message** on the composing screen. If there is no content in the message yet, the message will be canceled. If there are already contents in the new message, the message will be saved in Drafts.

# Personalizing Your Motorola MPx

## Buttons

To customize key functions, open the **Buttons** control panel.

**Find the Feature**     🎮 > **Settings** > **Personal**
                        > **Buttons**

| | Action |
|---|---|
| **1** | Select a key. |

| Settings | @ 🍸 ◀€ 3:07 | Ok |
|---|---|---|
| **Buttons** | | |

1. Select a button:

| Button | As |
|---|---|
| 📧 Inbox | Me |
| 📇 Button 1 | Co |
| Cover Open on Portrait Mode | |
| Cover Open on LandScape Mode | |
| 📷 Camera Button | Ca |
| Voice Dial | Vo |

2. Assign a program:

Messaging ▼

Program Buttons | Up/Down Control | Inpu ◀ ▶
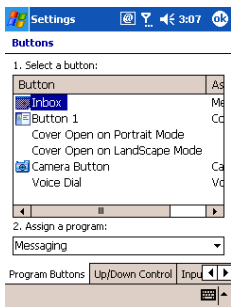
| **2** | Select a program in **Button Assignment**. |
|---|---|
| **3** | Tap **OK**. |

## Input

**Find the Feature**     🎮 > **Settings** > **Personal**
                        > **Input**

| Action |
| --- |
| On the **Input Method** tab, you can select an input method and changed preferred options. |
| On the **Word Completion** tab, you can select desired options for word completion. |
| On the **Options** tab, you can select preferred options for recording and writing. These options apply to any program on the device where you can record and write. |

**Note:** You can also change the input options by tapping the ▦▴ arrow and then **Options**.

## *Menus*

You can add the programs you use most often to **Start** menu.

**Find the Feature**  　🏁 > **Settings** > **Personal** > **Menus**

| Action |
| --- |
| On the **Start Menu** tab, select the programs you want, then tap **OK**. |
| On the **New Menu** tab, you can select **Turn on New button menu** then select the items to appear on the menu. |
| When you do this, you can create certain programs such as **Pocket Word**, **Pocket Excel**, **Contacts**, **Calendar** and **Tasks** by using the **New** menu in the command bar. |

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# *Owner Information*

To set your owner information:

| Action |
|--------|
| On the **Identification** tab, enter your personal information. |
| Select **Show information when device is turned on** so that if you lose your device, it can be returned to you. |
| On the **Notes tab**, enter any additional text you want to display when the device is turned on, such as **Reward if found**. |

# *Password*

You can set a power-on password for your device with this control panel.

**108**

| | **Action** |
|---|---|
| **1** | To select how long your mobile device must be turned off before a password must be entered, check **Prompt if device unused for**. |
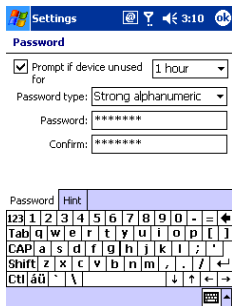
**2** Select the type of password you would like to use.

A strong password must have at least **7** characters that are a combination of uppercase and lowercase letters, numerals, and punctuation.

**3** Enter the password and, if necessary, confirm the password.

**Notes:** If your device is configured to connect to a network, use a strong password to help protect network security.

# *Sounds and Notifications*

To customize the way the device sounds during certain events:

**Find the Feature**　　　　 > Settings > Personal
　　　　　　　　　　　　　　 > Sounds and Notifications

**109**

| Action |
| --- |
| On the **Sounds** tab, you can select the actions for which you want to hear sounds. |
| On the **Notifications** tab, you can customize how you are notified about different events. Select the event name and then select the type of reminder. You can select a special sound, a message, or a flashing light. |

**Tip:** Turning off sounds and the notification light helps conserve battery power.

## *Today*

This control panel allows you to customize the look of the **Today** screen.

Find the Feature        > Settings > Personal
          > Today

## Changing the Background

| | **Action** |
|---|---|
| **1** | On the **Appearance** tab, select the desired theme for the background. |
| | **or** |
| | To use your own background, select **Use this picture**, then tap **Browse** to locate the desired file. |
| **2** | Choose a folder and then tap the file you want. |
| **3** | Tap **OK**. |
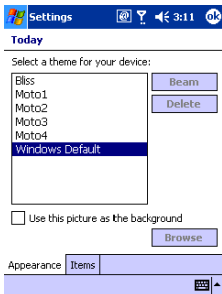
**Tip:** The recommend picture size for the background is 320x320 pixels in a **.jpg** file.

## Customizing Displayed Information

| **Action** |
|---|
| On the **Items** tab, uncheck a box to remove its information. |

| **Action** |
| --- |
| To change an item's position, select it, then tap **Move Up** or **Move Down**. |
| To choose how long the **Today** screen is displayed, select/deselect **Today timeout**, then the number of hours. |
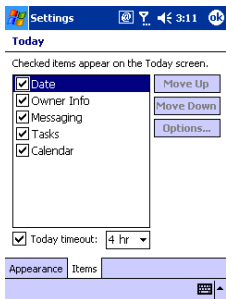
**Tip:** You can select **Tasks** or **Calendar** and then **Options** to further customize the information you want displayed.

## *Power*

To view the status of the battery and to adjust other power settings:

**Find the Feature**      *🎴* > **Settings** > **System**
                          > **Power**

The **Power** option displays the amount of battery power remaining. Battery power depends on the battery type and how the device is being used.

You can tap **screen light** to enter the **Screen light** option, allowing you to select options for turning off your device to conserve battery power. To conserve the most power, select the option that turns off the device after 3 minutes or less.

## *Phone Settings*

You can customize phone settings, such as the ring type and ring tone to be used for incoming calls, and the keypad

tone to be used when entering phone numbers. You can also protect your phone from unauthorized use.

**Find the Feature**    > **Phone** > **Tools** > **Options** > **Phone**

## *Changing Ring Type*

You can change the way that you are notified of incoming calls. For example, you can choose to be notified by a ring, a vibration, or a combination of both.

**Find the Feature**    > **Phone** > **Tools** > **Options** > **Phone**

| | **Action** |
|---|---|
| **1** | Tap the **Ring type** list. |
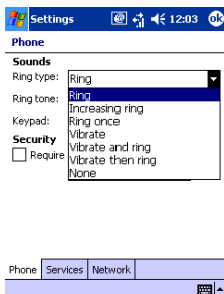


**2** Select the desired option.

## *Changing Ring Tone*

You can select a different sound to notify you of incoming calls.

**113**

**Find the Feature**  <span>⊞</span> > **Phone** > **Tools** > **Options** > **Phone**

| | **Action** |
|---|---|
| **1** | Tap the **Ring tone** list. |

**Settings** 🔘 🎮 ◀€ 12:03 **ok**

**Phone**

**Sounds**

Ring type: Ring

Ring tone: Bass ▾ ▶ ■

| Bass |
| BellDitty |
| Fantasy |
| Jig |
| Mystic |
| OldPhone |
| Ringer |
| RoaringGuitar |
| Terrestrial |

Keypad:

**Security**

☐ Require

Phone | Services | Network

⌨▴
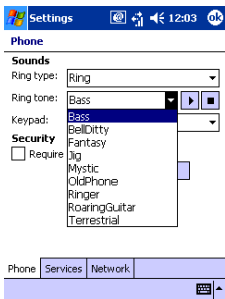
| **2** | Select the sound you want to use. |
|---|---|

**Note:** You can also use **.wav**, **.mid**, or **.wma** files as ring tones. Copy the files to the **/Windows/Rings** folder on your device. Then, select the sound from the **Ring tone** list.

## *Changing Keypad Tone*

You can change the tone you hear when entering a phone number on the keypad. If set to **Tones**, the tone is heard continuously for as long as the number on the keypad is pressed. If set to **Beep**, the tone is heard only for one or two seconds.

**Find the Feature**  <span>⊞</span> > **Phone** > **Tools** > **Options** > **Phone**

| **Action** |
|---|

**1** Tap the **Keypad** list.



**2** Select the option you want.

# *Getting More Out of Your Phone*

## *Network Features*

### *Network Selection*

**Find the Feature**  > Settings > Phone > Network

Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.

## *Cell Broadcast*

**Find the Feature**  > Programs > Cell Broadcast

Cell broadcast is an add-on service provided by your service provider, which allows you to receive a variety of information such as weather forecast, stock, and traffic.

The cell broadcast messages you received are displayed in the **Main** tab.

## *Cell Broadcast Settings*

You can select the channels to receive the cell broadcast messages. Tap the **Channel** tab, and select and copy the desired channel from the left column to the right column.



To add a new channel, tap and hold the blank area, and select **New** from the pop-up menu. To edit or delete a channel, tap and hold the channel, and select **Edit** or **Delete** from the pop-up menu.

You can also select the languages that the messages use in the **Language** tab.
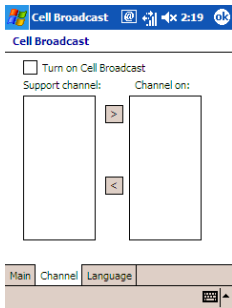
# *Services*

Service settings are used to set options for incoming/or outgoing calls, such as **Call Waiting**, **Call Forwarding**, **Call Barring**, and **Caller ID**.

**Find the Feature**       **> Settings > Phone > Services**

| Option | Description |
|---|---|
| **Call Waiting** | Notifies you of incoming calls when you are already in a phone session. Keep with reset of chart. |

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| Option | Description |
|---|---|
| **Call Forwarding** | Forwards all incoming calls to a different number. |
| **Call Barring** | Blocks certain types of incoming and/or outgoing calls. |
| **Caller ID** | Shows or hides your identity when calling other people |
| **Voice Mail and SMS** | Shows the numbers of your SMS service center and voice mail. |

Select a service, then tap **Get Settings** to access the settings for a service.

## *Network*

You can view available networks, determine the order in which your phone accesses another network if the current one is unavailable, and specify whether you want to change networks manually or automatically. The current network will remain active until you change it, lose your signal, or change your SIM card.

**Find the Feature**     **[image]** > **Settings** > **Phone**
> **Tools** > **Options**
> **Network**

| | Action |
|---|---|
| **1** | The network your device is currently using will be listed at the top of the screen. |
| **2** | When your current network is unavailable, tap **Select Network**, and manually select a different network to use. |

# *Security*

## *Setting PIN*

You can protect your phone from unauthorized use by assigning a type of password called a **PIN (Personal Identification Number)**. Your first PIN will be given to you by your mobile phone service provider.

**Find the Feature**     🎨 > **Settings** > **Phone** > **Phone**

| | Action |
|---|---|
| **1** | Select **Require PIN when phone is used**. |
| **2** | To change the PIN at any time, tap **Change PIN**. |

**Note:** Emergency calls can be placed at any time, without requiring a PIN.

## *Unlock Your Phone*

|   | **Press** | **To** |
|---|-----------|--------|
| **1** | keypad keys | enter your 4-digit unlock code |
|   |   | The unlock code is originally set to 1234. |
| **2** | **OK** | unlock your phone |

## *Protecting the SIM Card*

**Find the Feature**     ![icon] > **Settings** > **Phone** > **Phone**

### *Changing the SIM card PIN Code*

|   | **Action** |
|---|------------|
| **1** | Tap the **Change PIN** button. |

| | **Action** |
|---|---|
| **2** | When prompted to enter the old PIN, tap the number keys, then the **Enter** key. |
| **3** | Tap the number keys to enter your new PIN, then the **Enter** key. |
| **4** | Tap the number keys to enter your new PIN again for confirmation, then the **Enter** key. |
| **5** | Tap **OK** on the change notification. |
| **6** | Tap **OK**. |
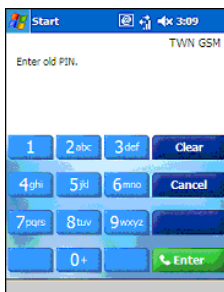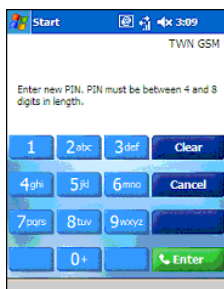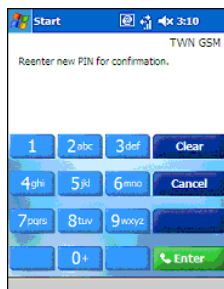
# *Using ActiveSync*

With Microsoft ActiveSync on both your PC and mobile device, you can exchange information between your PC and your device.

Using ActiveSync, you can:

- Keep **Pocket Outlook** data up-to-date by synchronizing your device with Microsoft Outlook data on your PC.

  - Change synchronization settings and synchronization schedule.

- Copy files between your device and PC.

- Back up and restore device information.

- Add and remove programs on your device.

**Note:** You can directly synchronize information with a Microsoft Exchange Server if your company is running Microsoft Exchange Server.

# *Installing ActiveSync®*

To synchronize your device with your PC, you must install ActiveSync on your PC from the Motorola MPx Companion CD.

# *Creating a Partnership*

Once ActiveSync is installed on your PC, you will be prompted to connect and create a partnership with your device by using a cable, cradle, or infrared connection. During this partnership you can decide exactly which types

*Getting More Out of Your Phone*

of information you want to synchronize with your PC and/or a server.

Your first synchronization will automatically begin when you finish using the wizard. After the first synchronization, you will notice that your Outlook information now appears on your device.
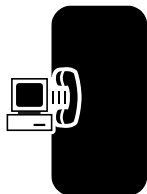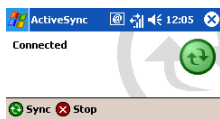
# *Synchronizing Information*

You can synchronize the following types of Outlook® information:

- **Inbox**
- **Calendar**
- **Contacts**
- **Tasks**
- **Notes**

By default, **ActiveSync** doesn't automatically synchronize all types of Outlook information. You can use **ActiveSync** options to select what information types you want to synchronize.

## *Synchronizing Inbox*

When you select Inbox for synchronization in **ActiveSync**, e-mail messages are synchronized as part of the general

synchronization process. During synchronization, the
following events occur:

- Messages are copied from the Outlook Inbox folder on
  your desktop computer, or from a Microsoft®
  Exchange Server, to the **Inbox** folder on your device.

- By default, when synchronizing **Inbox** information with
  your desktop computer, you will receive only
  messages from the last 3 days and the first 500
  bytes of each new message. You can also choose
  to download file attachments.

- The messages on your device and on your
  desktop computer are linked. When you delete a
  message your device, it is deleted from your desktop
  computer the next time you synchronize, and vice
  versa.

- Messages in subfolders in other e-mail folders in
  **Outlook** are synchronized only if the folders have been
  selected for synchronization in the **Inbox** on your
  device.

### Synchronizing Calendar

- **Calendar** items stored on your device can be
  synchronized with calendar items stored on your
  desktop PC and/or on a Microsoft Exchange Server.
  By default, calendar items from the last two weeks will
  be synchronized.

- **Calendar** items created on your device are copied to
  your desktop PC and/or server during
  synchronization, and vice versa. Similarly, **Calendar**
  items that are deleted from your device are deleted

from your desktop computer and/or server during synchronization, and vice versa. This keeps your information up-to-date in all locations.

## *Synchronizing Contacts*

- Contacts stored on your device can be synchronized with contacts stored on your desktop computer or on a Microsoft Exchange Server. By default, all of your contacts will be synchronized.

- **Contacts** created on your device are copied to your desktop computer and/or server during synchronization, and vice versa. Similarly, contacts that are deleted from your device are deleted from your desktop computer and/or server during synchronization, and vice versa. This keeps your information up-to-date in all locations.

## *Synchronizing Tasks*

- **Tasks** stored on your device can be synchronized with tasks stored on your desktop computer. Task synchronization is automatically selected in **ActiveSync**. By default, all of your incomplete tasks will be synchronized.

- **Tasks** created on your device are copied to your desktop computer during synchronization, and vice versa. Similarly, tasks that are deleted from your device are deleted from your desktop computer during synchronization, and vice versa. This keeps your information up-to-date in all locations.

# Synchronizing Using an Infrared Connection

You can use an infrared connection to create a direct connection between your device and another mobile device or desktop computer quickly. This method is ideal for quickly switching between multiple devices since there are no cables or adapters to change. When creating a partnership, you must connect using infrared, a cable, or a cradle connection.

Using infrared (IR), you can also send and receive information, such as contacts and appointments, between two devices.

| | Action |
|---|---|
| **1** | Switch to the program where you created the item you want to send and locate the item in the list. |
| **2** | Align the IR ports so that they are unobstructed and within close range. |
| **3** | Tap and hold the item, and tap Beam Item on the pop up menu. |

**Notes:** Before receiving files using IR, first check the **Receive all incoming beams** item by tapping 🔧 > **Settings** > **Connections** > **Beam**.

| Action |
| --- |
| **1** Align the IR ports so that they are unobstructed and within close range. |
| **2** Have the owner of the other device send the information to you. Your device will automatically receive it. |

## *ActiveSync® Errors*

Whenever **ActiveSync** cannot successfully synchronize your information, it displays an error on your device.

| Action |
| --- |
| Press the **Action** key when the error text is displayed. **ActiveSync** will then display more information about the error that occurred. |

**Notes:** Some types of errors can interfere with automatic synchronization. If you suspect that a scheduled automatic synchronization has not occurred, you should attempt to manually synchronize your information. Successfully completing manual synchronization will reset automatic synchronization.

# Personal Organizer Features

## Alarm Clock

**Find the Feature**   🎯 > **Settings** > **System**
> **Clocks & Alarms**
> **Alarm**

You can set 3 different alarms with your phone.

| | Action |
|---|---|
| **1** | Check the box for an alarm. |
| **2** | Use the stylus to tap the days you need to set the alarm for. |
| **3** | Tap the time on the right to set the alarm time. |
| **4** | Tap **OK**. |
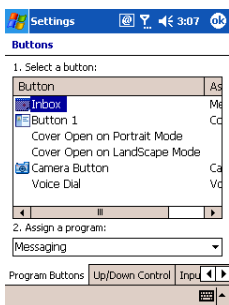
**Note:** Your phone must be powered **On** in order for any alarm that you may have set to be activated.

# *Calculator*

**Find the Feature**     🎴 > Programs > Calculator

| Action |
|--------|
| **1** Tap the number keys to enter numbers. |
| **2** Tap the desired function for your calculation. |

# News and Entertainment

## Microsoft® Pocket Outlook®

**Microsoft Pocket Outlook** includes **Calendar**, **Contacts**, **Tasks**, **Inbox**, and **Notes**. You can use these programs individually or together. For example, e-mail addresses stored in **Contacts** can be used to address e-mail messages in **Inbox**.

Using ActiveSync®, you can synchronize information in Microsoft Outlook or Microsoft Exchange on your desktop computer with your device. You can also synchronize this information directly with a Microsoft Exchange server. Each time you synchronize, ActiveSync compares the changes you made on your device and PC or server and updates both computers with the latest information.

For information on using ActiveSync, see **ActiveSync Help** on the PC.

## Scheduling Appointments and Meetings
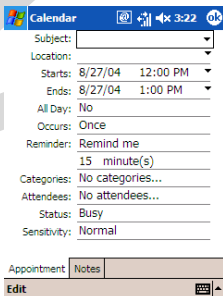
Use **Calendar** to schedule appointments, including meetings and other events. You can check your appointments in one of several views (**Agenda**, **Day**, **Week**, **Month**, and **Year**) and set **Calendar** to remind you of appointments with a sound or other method.

**Note:** You can customize the **Calendar** display, such as changing the first day of the week, by tapping **Options** on the **Tools** menu.

To create an appointment:

| | **Action** |
|---|---|
| **1** | If you are in **Day** or **Week** view, tap the desired date and time for the appointment. |
| **2** | Tap **New**. |
| **3** | Using the input panel, enter a description and a location. Tap **first** to select the field. |
| **4** | If needed, tap the date and time to change them. |

| | **Action** |
|---|---|
| **5** | Enter other desired information. You will need to hide the input panel to see all available fields. |
| **6** | To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see "Capturing Thoughts and Ideas" on page 138. |
| **7** | When finished, tap **OK** to return to the calendar. |

**Tip:** If you select **Remind me** in an appointment, your device will remind you according to the options set in 1 **Settings** > **Personal tab** > **Sounds & Notifications**.

### Using the Summary Screen

When you tap an appointment in **Calendar**, a summary screen is displayed. To change the appointment, tap **Edit**.
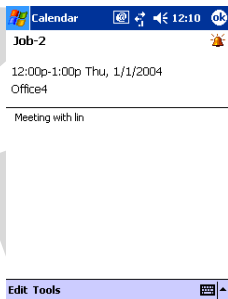
### Creating Meeting Requests

You can use **Calendar** to set up meetings with users of Outlook® or **Pocket Outlook**. The meeting request will be created automatically and sent either when you synchronize Inbox or when you connect to your e-mail server. Indicate how you want meeting requests sent by

tapping **Tools** and then **Options**. If you send and receive e-mail messages through **ActiveSync**, select **ActiveSync**.

To schedule a meeting:

| | **Action** |
|---|---|
| **1** | Create an appointment by tapping **New**. |
| **2** | In the appointment details, hide the input panel, and then tap **Attendees**. |
| **3** | From the list of e-mail addresses you've entered in **Contacts**, select the meeting attendees. |
| **4** | The meeting notice is created automatically and placed in the **Outbox** folder. For more information on sending and receiving meeting requests, see **Calendar Help** and **Inbox Help** on the device. |

## *Tracking Friends and Colleagues*

**Contacts** maintains a list of your friends and colleagues so that you can easily find the information you're looking for, whether you're at home or on the road. Using the device infrared (IR) port, you can quickly share **Contacts** information with other device users.
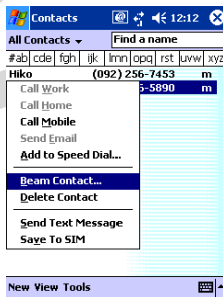
**Note:** To change the way information is displayed in the list, tap **Tools** and then **Options**.

## *Creating a Contact*

| | **Action** |
|---|---|
| **1** | Tap **New**. |
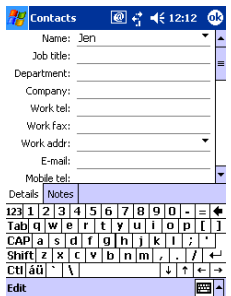
**2** Using the input panel, enter a name and other contact information. You will need to scroll down to see all available fields.

**3** To assign the contact to a category, scroll to and tap **Categories** and select a category from the list. In the contact list, you can display contact by category.

**4** To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see "Capturing Thoughts and Ideas" on page 138.

**5** When finished, tap **OK** to return to the contact list.

### *Finding a Contact*

There are 4 ways to find a contact:

| Action |
| --- |
| Tap 🔳 > **Contact** > **Find**. |
| Enter the contact name (first, last, or middle), phone number, or address, select **Contacts** for the type, and then tap **Go**. |
| From **Contacts**, begin typing a contact name until you see it displayed on the screen. To show all contacts again, tap the text box at the top of the screen and clear the text, or tap the arrow icon to the right of the text box. |
| In the contact list, tap the category list (labeled **All Contacts** by default), then tap the category to which you have assigned a contact.<br><br>To show all contacts again, select **All Contacts**. |
| To view the names of companies your contacts work for, in the contact list, tap **View** > **By Company**.<br><br>The number of contacts that work for that company will be displayed to the right of the company name. |

### *Using the Summary Screen*

When you tap a contact in the contact list, a summary screen is displayed. To change the contact information, tap **Edit**.
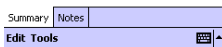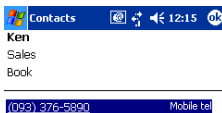
## *Keeping a To Do List*

Use **Tasks** to keep track of things you need to do.

**Note:** To change the way information is displayed in the list, tap **Tools** and then **Options**.
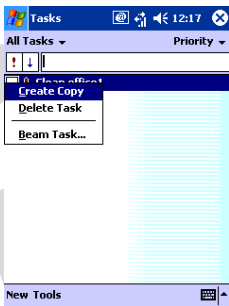
## *Creating a Task*
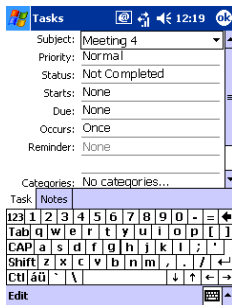
| | **Action** |
|---|---|
| **1** | Tap **New**. |



| | |
|---|---|
| **2** | Using the input panel, enter a description. |
| **3** | You can enter a start date and due date or enter other information by first tapping the field. If the input panel is open, you will need to hide it to see all available fields. |
| **4** | To assign the task to a category, tap **Categories** and select a category from the list. In the task list, you can display tasks by category. |
| **5** | To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see "Capturing Thoughts and Ideas" on page 138. |
| **6** | When finished, tap **OK** to return to the task list. |

**Note:** To quickly create a task with only a subject, tap **Entry Bar** on the **Tools** menu. Then, tap **Tap here to add a new task** and enter your task information.

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### Using the Summary Screen

When you tap a task in the task list, a summary screen is displayed. To change the task, tap **Edit**.
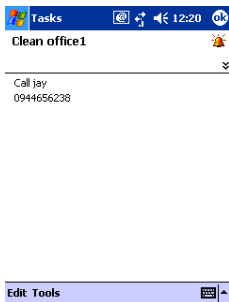
## Capturing Thoughts and Ideas

Quickly capture thoughts, reminders, ideas, drawings, and phone numbers with **Notes**. You can create a written note or a recording. You can also include a recording in a note. If a note is open when you create the recording, it will be

included in the note as an icon. If the note list is displayed, it will be created as a stand-alone recording.
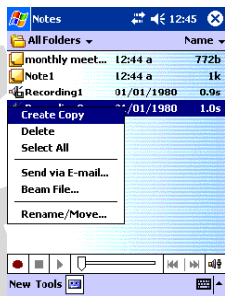
To create a note:

| | Action |
|---|---|
| **1** | Tap **New**. |

Team meeting note:

Adam will send current status to core team.

Julie will get the renevue numbers.

Tanner is back from the conference and reports that the product was a big hit.

123 1 2 3 4 5 6 7 8 9 0 - = ←
Tab q w e r t y u i o p [ ]
CAP a s d f g h j k l ; '
Shift z x c v b n m , . / ↵
Ctl áü ` \ | ↓ ↑ ← →
New Edit Tools ⊞ ✎
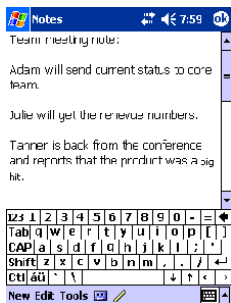
| **2** | Create your note by writing, drawing, typing, and recording. |

## *Using the Camera*

Your Motorola MPx features a built-in camera for you to take photos. After taking a photo, you can view it directly on the Motorola MPx, or send it via MMS to your friends.

## *Taking Photos*

| | **Action** |
|---|---|
| **1** | If you want to save your photos in a memory card, insert it in the SD/MMC card slot first. |

| | |
|---|---|
| **2** | Tap ![icon] > **Programs** > **Camera**. |
| | **or** |
| | Press the **Camera** key on the keypad. |
| **3** | Use the camera to target your subject. |
| **4** | Hold the Motorola MPx steadily and position the subject in the center of the screen. |
| **5** | To zoom in/out (100% ~ 400%), tap ![icon] / ![icon] on the lower right of the screen. |

**Tip:** The full-screen preview is the default preview mode. Tap on the screen can switch to the small-screen preview; tap again returns to the full-screen preview.

| **Action** |
| --- |

6  Tap 📷 on the bottom right corner of the screen,
   or press the **Action** key to take the photo. There is
   a time lag between releasing the shutter and
   snapping the photo. A sound notification appears
   when the phto is actually taken.

7  After taking the photo, you
   can do one of the
   following:

   • Tap 🛅 to save it in the
     selected folder

   • Tap 📧 to send it via
     MMS

   • Tap 🖼 to set it as the
     wallpaper of the Motorola
     MPx

   • Tap 🗑 to delete it
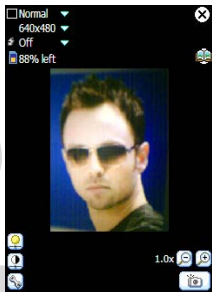
### *Setting Items on the Camera Screen*

After opening the **Camera** program, there are several
setting items on the main screen of the **Camera** program
for you to view and change the settings of the photo:

| Setting | Description |
| --- | --- |
| **Mode** | Use the **Normal**, **Timer**, or **Burst mode**. |
| **Resolution** | Options are **1280x960(SXVGA)**, **640x480(VGA)**, **320X240(QVGA)**, **176X144(QCIF)**, **160X120(QQVGA)** and **128X96(SQCIF)**. |

| Setting | Description |
|---------|-------------|
| **Flash** | Turn on or off the flash. |
| **Brightness** ☀ | Use the slider bar to adjust the brightness value of the photo. |
| **Contrast** ◑ | You can use the slider bar to adjust the contrast value of the photo. |
| **Settings** ⚙ | You can tap this icon to access more camera settings. |

### More Camera Settings

| Setting | Description |
|---------|-------------|
| **Mode option** | You can set the time lag between releasing the shutter and shooting the photo (in the **Timer** mode), or set the maximum number of continuous photos (in the **Burst** mode). |
| **Memory** | If the remaining space of the Motorola MPx reached the size limit you set, you cannot take new photos. |
| **Name prefix** | By default, the filename of each new photo will be the prefix following by a sequential number. For example, **DSC_00001.jpg**. You can change the default prefix to your desired characters. |
| **White balance** | The white balance options are **Automatic**, **Night**, **Fluorescent**, **Incandescent**, **Sunlight** and **Cloudy**. |

| Setting | Description |
|---|---|
| **Storage folder** | By default, the photos you take will be saved to your **\My Documents\My Pictures** folder in **ResidentFlash**. You can change the storage location. |
| **Max idle time** | You can set the idle period for the **Camera** program to enter the standby mode. The options range from 20 seconds to 1 minute. |

## *Photo Album*

You can use the **Photo Album** program to view the photos.

**Action**

Tap > **Programs** > **Photo Album**.

**or**

Tap on the upper right of the Camera screen.

In **Photo Album**, four view modes are available: Thumbnail view, Detailed view, Slide Show view, and Full Screen.

## *Thumbnail View Mode*

By default, **Photo Album** will display the photos in the **\My Documents\My Pictures** folder in ResidentFlash.



Tap to select sorting method

Tap to delete selected photo.

Tap to rotate selected photo.

Tap to open camera

Tap to enter slide show view mode
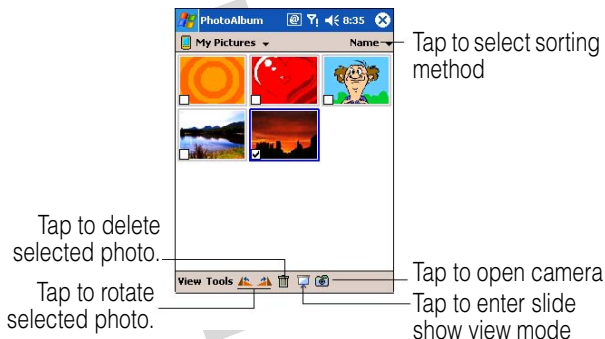
You can change the display mode in this view mode:

| To | Tap |
|---|---|
| display the filenames of the photos | **View > Show Name Under Thumbnails**. |
| change the display mode of the thumbnails | **View > Thumbnails**. |
| display the photos in the **List** mode | **View > List**. |
| change the folder of photos | **View > Select a Folder**. |

Tap **Tools** to perform the following functions:

- **Check All Pictures**
- **Rename/Move Checked Pictures**
- **Delete Checked Pictures**

## *Detailed View Mode*

To enter the **Detailed** view mode, simply tap a photo in the **Thumbnail** view mode.

In this view mode, you can tap **Edit** to edit the photo:
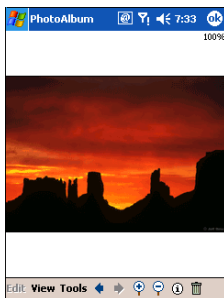


| Option | Description |
| --- | --- |
| **Rotate/ Flip/Crop** | allows you to rotate, flip or crop the photo. |
| **Edit Sound** | allows you to add an audio recording to the photo. |
| **Draw** | allows you to draw on the photo. |
| **Add Text** | allows you to add a text note to the photo. |
| **Add Clip Art** | allows you to add a clip art drawing on the photo. |
| **Funhouse** | allows you to add a funny frame for the photo. |
| **Photo Greeting** | allows you to select a card background for the photo. |
| **Warp** | allows you to twist the photo. |

You can also do the following:

| To | Tap |
|----|-----|
| move to the previous/next photo in the current folder | ◀ or ▶. |
| change the orientation of the photo | **View > Show in Actual Orientation/ Show in Rotated Orientation/Show in Best Orientatio**n. |
| zoom the photo | **View > Zoom In** (or 🔍⁺ ) /**Zoom Out** (or 🔍⁻ ) /**Zoom To**. |
| view the photo in the Full Screen mode | **View > Full Screen**. |
| send the photo via MMS | **Tools > Send via MMS**. |
| send the photo via e-mail | **Tools > Send via E-mail**. |
| send the photo via IR to another device | **Tools > Beam Picture**. |
| set the photo as the wallpaper of the Motorola MPx | **Tools > Set as Wallpaper**. |
| save the photo in another location in the Motorola MPx | **Tools > Save Picture As**. |

| To | Tap |
|---|---|
| rename/move the photo | **Tools** > **Rename/Move**. |
| view the information of the photo | **Tools** > **Information**, or 🛈. |
| delete the photo | **Tools** > **Delete**, or 🗑. |

### Slide Show View Mode

To enter the **Slide Show** view mode, tap 🖼 in the **Thumbnail** view mode. By default, you will enter the slide show setting screen before the slide show starts. After the slide show starts, tap anywhere on the screen to return to the **Thumbnail** view mode.
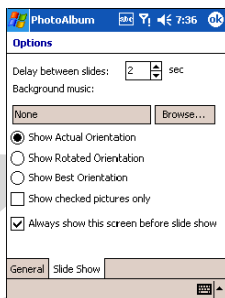
### Full Screen Mode

To enter the **Full Screen** mode, tap **View** > **Full Screen** in the Detailed view mode. Tap anywhere on the screen to return to the Detailed view mode.

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# Games

Your phone comes with 3 games. If you get an incoming call, message, alarm or alert, the game ends automatically.

**Find the Feature**        🐾 > Games

|   | Press | To |
|---|-------|-----|
| 1 | 4-way navigation key | scroll to the game of your choice |
| 2 | **SELECT** | start the game |

To end a game at any time:

| Press | To |
|-------|-----|
| Power/End P | end the game session or return to the game menu |

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# *Using Applications*

You can launch a companion program by tapping ![icon] > **Programs**, then selecting the program name.

## *Communicating with MSN® Messenger*

**Find the Feature**  ![icon] > **Programs**
 > **MSN Messenger**

**MSN Messenger** on your device provides the same chat environment as MSN Messenger on your desktop computer. These features include the following:

- See who is online.

- Send and receive instant messages.

- Have an instant message conversation with a group of contacts.

- Tell contacts that you are unavailable.

- Block contacts from seeing your status or sending you messages.

Before you can use **MSN Messenger**, you must set up the instant messaging account(s) to use. For **MSN Messenger** service, you must have a Microsoft® Passport or Hotmail® account. For **Exchange Instant Messaging**, you must have an Exchange account.

## *Setting Up*

**Find the Feature**  $\mathbb{Z}$ > **Settings** > **Phone**
 > **Tools** > **Options**
 > **Accounts**

| Action |
| --- |
| **1** Select **Enable MSN Messenger Service** and/or **Enable Exchange Instant Messaging**. |
| **2** Enter your sign-in name and password for the selected account. |
| **3** To sign in, tap the sign-in screen and then the Sign in button. |

## *Working with Contacts*

The **MSN Messenger** window shows all of your messenger contacts at a glance and are divided into **Online** and **Not Online** categories. To change your status, select your name from the Messenger contacts list, and press the Action key. Select a status description, such as **Away**, and press the Action key.

**Tip:**

- To see others online without being seen, change your status to **Appear Offline**.

- If you block a contact, it appears offline but remains on the blocked contact's list. To unblock a contact, select the contact, press the Action key, select **Unblock** from the list and press the Action key.

## *Chatting with Contacts*

In **MSN Messenger**, select a contact name and press the **Send** to open a chat window. Enter your message in the text entry area at the bottom of the screen, or tap **My Text** to choose a preset message, and then press the **Send**. To invite another contact to a multi-user chat, open the **Tools** menu and tap **Invite** to select a contact.

To know if the contact you are chatting with is responding, look for the message under the text entry area.

# *Pocket Word*

**Find the Feature**        🎨 > Programs
                                          > Pocket Word

**Pocket Word** works with **Microsoft Word** on your PC to give you easy access to copies of your documents. You can create new documents on your device, or you can copy documents from your PC to your device. Synchronize documents between your PC and your device so that you have the most up-to-date content in both locations.

## *Creating a New File*

**Find the Feature**        🎨 > Programs
                                          > Pocket Word > New

A blank document appears.

If you have selected a template for new documents in the **Tool** > **Options** dialog box, that template appears with appropriate text and formatting already provided.

**Note:** You can open only 1 document at a time. When you open a 2nd document, you must save the first. You can save a document you create or edit in a variety of formats, including **Word** (**.doc**), **Pocket Word** (**.psw**), **Rich Text Format** (**.rtf**), and **Plain Text** (**.txt**).

**Tip:** You can select a template for new documents in the **Options** dialog box. The template appears comes with appropriate text and formatting already provided.

**Pocket Word** contains a list of the files stored on your device. Tap a file in the list to open it. To delete, copy, and send
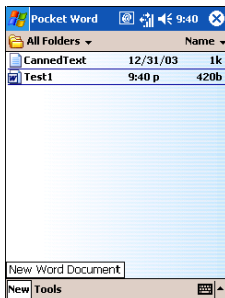
files, tap and hold a file in the list. Then, select the appropriate action on the pop-up menu.

| | **Action** |
|---|---|
| **1** | Select the folder type you want displayed in the list. |
| **2** | Tap to change the sort order of the list. |
| **3** | Tap to open a document. |
| **4** | Tap and hold an item to see a pop-up menu of actions. |
| **5** | Tap to create a new document. |
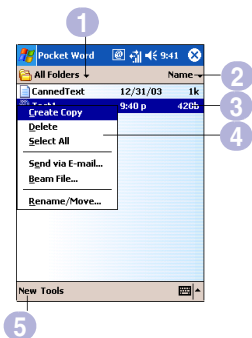
**Tip:** You can change the zoom magnification by tapping **View** and then **Zoom**. Then select the percentage you want. Select a higher percentage to enter text and a lower one to see more of your document. If you're opening a **Word** document created on a PC, select **Wrap to Window** on the **View** menu so that you can see the entire document.

## *Entering Information in a New File*

You can enter information in **Pocket Word** in one of 4 modes (typing, writing, drawing, and recording), which are displayed on the **View** menu. Each mode has its own toolbar, which you can show and hide by tapping the **Show/ Hide Toolbar** button on the command bar.

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### Typing Mode

- Using the input panel, enter typed text into the document.

- To format or edit existing text, select it by using your stylus to drag through the text. You can search a document for text by tapping **Edit** and then **Find/Replace**.

### Writing Mode

In writing mode, use your stylus to write directly on the screen. Ruled lines are displayed as a guide, and the zoom magnification is greater than in typing mode to allow you to write more easily.

### Drawing Mode

In drawing mode, use your stylus to draw on the screen. Gridlines appear as a guide. When you lift your stylus off the screen after the first stroke, you will see a drawing box that indicates the boundaries of the drawing. Every subsequent stroke within or touching the drawing box becomes part of the drawing.

### Recording Mode

In recording mode, you can embed a recording into your document. Recordings are saved as **.wav** files.
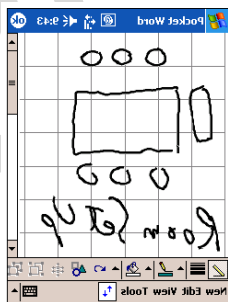
# Pocket Excel

**Find the Feature**

> Programs
> Pocket Excel

**Pocket Excel** works with Microsoft® Excel on your PC to provide easy access to copies of your workbooks. You can create new workbooks on your device, or you can copy workbooks from your PC to your device. Synchronize workbooks between your PC and your device so that you have the most up-to-date content in both locations.

## Creating a New File

**Find the Feature**

> Programs
> Pocket Excel > New

A blank workbook appears.

If you have selected a template for new workbooks in the **Tool** > **Options** dialog box, that template appears with appropriate text and formatting already provided.
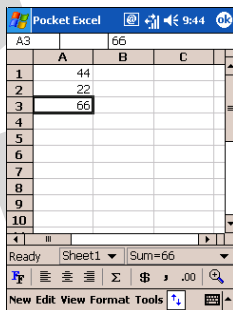
**Pocket Excel** provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering. To display the toolbar, tap **View** and then **Toolbar**.
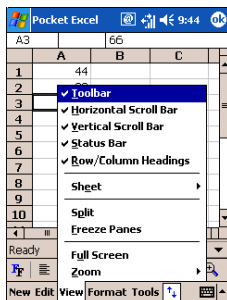
## Tips for Working in Pocket Excel

Note the following when working in large worksheets in **Pocket Excel**:

- **To view in full screen mode to see as much of your worksheet as possible**—Tap **View** and then **Full Screen**.

  To exit full screen mode, tap **Restore**.

- **To show and hide window elements**—Tap **View** and then tap the elements you want to show or hide.

- To freeze panes on a worksheet—Select the cell where you want to freeze panes. Tap **View**, then **Freeze Panes**.

  You might want to freeze the top and leftmost panes in a worksheet to keep row and column labels visible as you scroll through a sheet.

- **To split panes to view different areas of a large worksheet**—Tap **View** and then **Split**. Drag the split bar to where you want it.

  To remove the split, tap **View** and then **Remove Split**.

- **To show and hide rows and columns**—To hide a hidden row or column, select a cell in the row or column you want to hide. Then tap **Format**, **Row** or **Column**, and then **Hide**. To show a hidden row or column, tap **Tools**, then **Go To**, then type a reference that is in the hidden row or column. Finally, tap **Format**, then **Row** or **Column**, and then **Unhide**.

# *Windows Media® Player*

**Find the Feature**    > **Programs**
                        > **Windows Media**

Use **Microsoft Windows Media Player** for Motorola MPx to play digital audio and video files that are stored on your device or on a network.

## *Using the Controls*

| Control | Description |
|---------|-------------|
|  | toggle to the full screen mode (not for the playback of audio files) |
|  | connect to the Windows Media web site via the Pocket Internet Explorer |
|  | skip to the beginning of the current file |
|  | play the current file |

| Control | Description |
|---------|-------------|
| 🔵 | skip to the next file |
| ⊖ | decrease the volume |
| ⊕ | increase the volume |

## *Downloading Files to the Device*

You can copy audio and video files from your computer to the device using either Windows Media Player or ActiveSync®. (See the **Media Player Help** and **ActiveSync Help** on your computer.) Store the media files in the **My Music** or **My Videos** folder of the **\My Documents** directory on your device.

## *Playing Files from the Library*

**Find the Feature**  🎨 > **Programs** > **Windows Media** > **Menu** > **Library**

| Action |
|--------|
| **1** Tap **Menu** > **Update Library**. |

Windows Me @ ⇄ Y₁ ◀× 4:57 ⊗

All Music ▾    ← Back

Track 13
rien de rien

Queue Up
Delete from Library

Library          ▶
Update Library...
Open File...

Properties

Play Menu
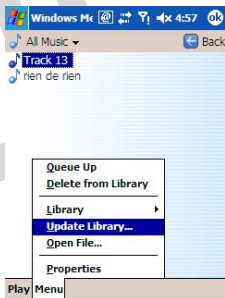
| | **Action** |
|---|---|

**2** Tap **Search** to start searching for media files.

To start searching for audio and video files, press Search.

Search Cancel

**3** Tap **Done**.

3 files added
The library has been updated. To continue, press Done.

Search **Done**

**4** Tap to select the desired media type.

Library ▾                           Back
My Music
My Videos
My TV
My Playlists

Play Menu
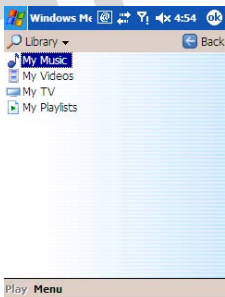
| | **Action** |
|---|---|
| **5** | Tap to select a specific genre or all files of that media type. |
| **6** | Tap the file, then tap **Play**. |
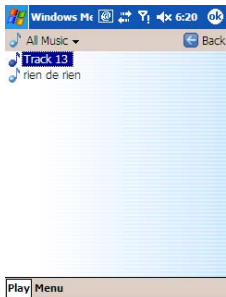
In the playback mode, you can:

- Tap **Now Playing** to view the current playlist. (Tap **Menu** for options such as deleting files from the playlist, clearing the playlist, and moving the files up or down in the playlist.)
- Tap 🛒 to enter the library.
- Tap **Menu** to access various playback options.

## *Using File System to Open Files for Playback*

On the library screen, you can also tap **Menu** > **Open** File to use File System to select the files for playback:

**Find the Feature**  🪟 > **Programs**
 > **Windows Media**

| Action |
| --- |
| Use **Microsoft Windows Media Player** on your PC to copy digital audio and video files to your Motorola MPx. You can play **Windows Media** and MP3 files on your Motorola MPx. |

*Pictures*

**Find the Feature**　　　　🏠 > **Programs** > **Pictures**

Pictures collects, organizes and sorts **.jpg** picture files on your device. You can download images to your PC, and then use **ActiveSync** to copy the files to your device. After that, you can view the images as a slide show.

**Tip:** Pictures can also be stored and transferred to your device from an MMC, SD or digital camera card. Insert a card into the memory card slot and then copy or drag the pictures from your PC to the **My Documents** directory on the memory card (If the memory card does not have a My Documents directory you must create one first).

## *Transferring Pictures*

| Action |
| --- |
| Pictures stored on your PC can be synchronized with **Pictures** on your device. Picture synchronization is not automatically selected in **ActiveSync**, you need to tap the sync option **Files** in **ActiveSync** on your desktop PC to activate this function. |

## *Finding and Listing Pictures*

**Find the Feature**  🔧 > **Programs** > **Pictures**

| Action |
| --- |
| Tap **My Pictures** and select a folder from the drop-down menu. |

## *Viewing Pictures*

In the picture:

| Action | |
| --- | --- |
| Tap 🖵 to view pictures as a slide show. | |

| Action |
|---|
| Tap 🔵 to view pictures stored in your **My Picture** folder. |
| Tap 🟥 to view pictures stored on a storage card. |
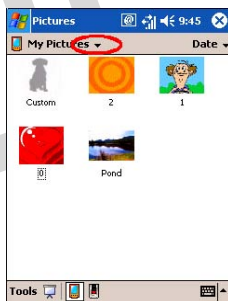
**Tip:** Tap anywhere on the screen to display the Slide show toolbar, which you can use to pause the slide show, rotate the view, and more. Press the Left/Right controls to move forward or backward through the slides.

## *Sorting Pictures*

**Find the Feature**        🎯 > **Programs** > **Pictures**

| Action |
|---|
| Tap **Name** and select an option from the drop-down menu. |
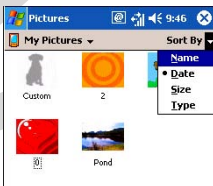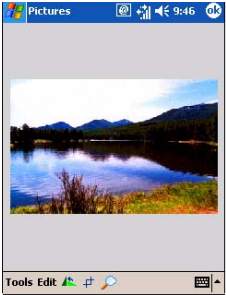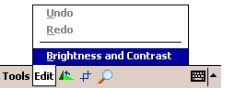
## *Deleting a Picture*

| Action |
|---|
| Hold the stylus firmly on the file name of the picture you want to delete, and then select **Delete** from the pop-up menu. |

## *Editing Pictures*

You can rotate, crop, zoom and adjust the brightness and color contrast of your **.jpg** pictures.

| **Action** | |
| --- | --- |
| Tap 🏔 to rotate a picture 90 degrees counter-clockwise. | ![picture editing screen showing a lake and mountains with toolbar: Tools Edit 🏔 ⊞ 🔍] |
| Tap ⊞ to crop a picture by dragging and selecting the crop area. Tap outside of the box to stop cropping. | |
| Tap 🔍 to display the **Zoom** panel, from which you can zoom in or out of a picture, or return a picture to full-screen size. | |
| Tap **Edit** > **Brightness and Contrast** to adjust the brightness and contrast levels of a picture. | Undo<br>Redo<br>**Brightness and Contrast**<br>Tools Edit 🏔 ⊞ 🔍 |

## *Setting Pictures as Background*

You can use one of your own **.jpg** pictures as the background on the **Today** screen, and specify how you want

it displayed on the screen, such as adjusting the transparency level.

| | **Action** |
|---|---|
| **1** | In **Pictures**, tap the picture you want to set as the background. |



Beam Picture...
Send via E-mail...
**Set as Today Wallpaper...**
Revert to Saved
Save Picture As...
Options...
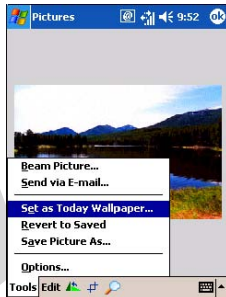
| | |
|---|---|
| **2** | Tap **Tools** > **Set as Today Wallpaper**. |
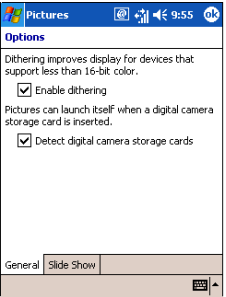
## *Customizing Pictures*

You can choose to launch the **Pictures** program automatically when a digital camera storage card is inserted and decide on a time delay length between slides when showing a slide show.

## *To Launch Automatically*

**Find the Feature**      🎮 **> Programs > Pictures**
**> Tools > Options**
**> General**

| **Action** | |
|---|---|
| Check the box next to **Detect digital camera storage cards**. | |

## *To Select the Time Delay between Slides*

**Find the Feature**      🎮 **> Programs > Pictures**
**> Tools > Options**
**> Slide Show**

| **Action** |
|---|
| **1**   Select a number of seconds. |
| **2**   Tap **OK**. |

# Getting Connected

## Wi-Fi (IEEE802.11b)

Your Motorola MPx is equipped with a built-in wireless
network module to connect to an 802.11b wireless LAN
(WLAN) or connect directly to other WLAN-enabled
devices.

### Turning the WLAN On or Off

| Action |
| --- |
| **1** Tap 🎨 > **WLAN Utility** or the wireless icon on the lower right corner of the **Today** screen. |
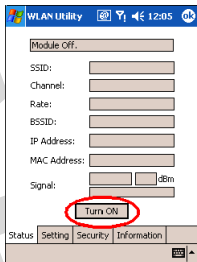


**2** Tap **Turn ON** to turn on the WLAN module. The Motorola MPx will start to scan the wireless networks available in your environment.

| **Action** |
| --- |
| **3** If one or more networks are available, the Motorola MPx will ask you to select the network you want to connect to and whether the network connects to the Internet or Work. To change the network connection settings, tap **🔧** > **Settings** > **Connections** > **Network Cards**. |
| **4** If you are prompted for a Network Key (WEP), enter it and then tap **Connect**. If you are not sure, contact your network administrator. |
| **5** To turn off the WLAN, tap the **WLAN** icon on the bottom right corner of the display and tap **Wireless Off** to turn it off. |

## *Viewing the WLAN Status and Settings*

To view the WLAN status and settings:

**Find the Feature**          **🔧** > **WLAN Utility**

| **Action** |
| --- |
| Tap the **Status**, **Setting**, **Security** or **Information** tab to view the WLAN status and settings. |
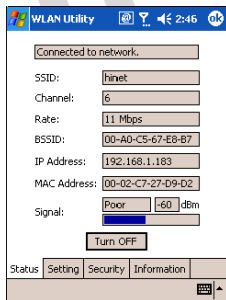
# *Bluetooth Connections*

**Tip:** You can also access the Bluetooth setting screen by tapping   > Bluetooth Setting.

Bluetooth technology is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about 10 meters (30 feet) without requiring a physical connection.
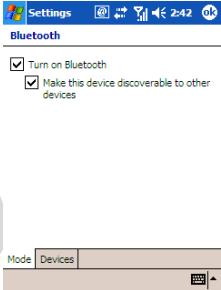
Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. The devices only need to be within a range of about 10 meters. You can even beam information to a device in a different room, as long as it's within range. The software included with your Motorola MPx allows you to use Bluetooth in the following ways:

- Beam information, such as files, appointments, tasks, and contact cards, between devices that have Bluetooth capabilities. For example, if you and a co-worker each have a device with Bluetooth, you can beam items between your devices, such as files, contact cards, appointments, tasks, and so forth.

- Create a dial-up modem connection between your device and a Bluetooth phone. You can then use the Bluetooth phone as a modem.

*Getting Connected*

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## *Bluetooth Modes*

Bluetooth operates in 3 different modes:

| Mode | Description |
|---|---|
| **ON:** | The Bluetooth radio is turned on and you can use Bluetooth features. |
| **Discover-able:** | The Bluetooth radio is turned on, and all of the other Bluetooth devices within range (about 10 meters) can detect your device and attempt to beam information to it, establish a bond, or use a Bluetooth service. In this mode, other devices can detect your device whether or not a bond has been created; however, in order to receive a beam from another device, you must accept it on your device. |
| **Off:** | The Bluetooth radio is turned off. In this mode, you can neither send nor receive information by using Bluetooth. You might want to turn the radio off at times in order to conserve battery power, or in situations where radio use is prohibited, for example on airplanes and in hospitals. |

## Turn Your Bluetooth Radio On and Off

**Find the Feature**   **> Settings > Connections > Bluetooth**

| Action |
| --- |
| Select **On** or **Off**. The Bluetooth radio is turned on or off according to your selection. |
| **Tip:** By default the Bluetooth radio is turned off. If you turn it on, and then turn off your device, the Bluetooth radio also turns off. When you turn on your device again, the Bluetooth radio automatically turns on. |

## Making Your Device Discoverable

**Find the Feature**   **> Settings > Connections > Bluetooth**

| Action |
| --- |
| Select **Discoverable**. (Selecting **Discoverable** also turns on your Bluetooth radio.) |
| Now, other Bluetooth devices can detect your device and attempt to beam information to it, establish a bond, or use a Bluetooth service. Note that to receive beamed information, you must accept it on your device. |

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## Bonds

A *bond* is a relationship that you create between your device and another Bluetooth device in order to exchange information in a secure manner. Creating a bond involves entering the same personal identification number (PIN) on the two devices you want to bond. You need only create a bond once between two devices. Once a bond is created, the devices recognize the bond and are able to exchange information without your entering a PIN again.

### Creating a Bond

You can create a bond between your device and another device that has Bluetooth. Once you do this, Bluetooth doesn't need to be in discoverable mode in order for you to beam information between the two devices; the Bluetooth radio only needs to be turned on.

| | **Action** |
|---|---|
| **1** | Make sure that the 2 devices are within 10 meters of each other and that Bluetooth is in discoverable mode on both devices. |

**2** Tap 🎤 > **Settings** > **Connections**.

**3** Tap **Bluetooth** > **Devices** > **New**. Your device searches for other Bluetooth devices and displays them in the list.

| **Action** |
|---|
| **4** Tap the name of the other device in the list, then **Next**. |

| | |
|---|---|
| **5** In **PIN**, enter a PIN of between 1 and 16 characters, and tap **Next**. | |

| **6** Enter the same PIN on the other device. |
|---|
| **7** If you want, in **Name**, edit the name of the other device. |
| **8** Tap **Finish**. |
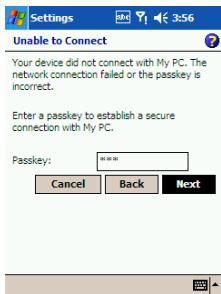
## Accepting a Bond

| | |
|---|---|
| **Action** | |
| **1** Make sure that Bluetooth is turned on and in discoverable mode. | |

| **Action** |
| --- |
| **2** When prompted to bond with the other device, tap **OK**. |
| **3** In **PIN**, enter a PIN of between 1 and 16 characters, and tap **Next**. You must enter the same PIN that was entered on the device requesting the bond. |
| **4** If you want, in **Name**, edit the name of the device requesting the bond. |
| **5** Tap **Finish**. |
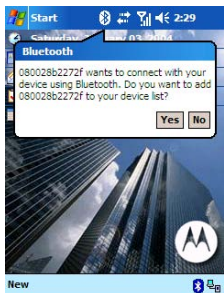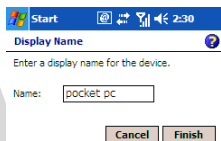
The bond is created. You can now exchange information with the other device.

### Renaming a Bond:

**Find the Feature**
 > **Settings** > **Connections** > **Bluetooth** > **Devices**

| **Action** |
| --- |
| **1** Tap the bond to rename. |
| **2** In **Name**, enter a new name for the bond. |
| **3** Tap **Finish**. |

### *Deleting a Bond*

**Find the Feature**     🎯 > Settings > Connections
> Bluetooth > Devices

| **Action** |
| --- |
| **1**   Tap and hold the bond to delete. |
| **2**   Tap **Delete**. |

## *Beaming Information with Bluetooth*

| **Action** | |
| --- | --- |
| **1**   Tap and hold an item to beam, such as an appointment in **Calendar**, a task in **Tasks**, a contact card in **Contacts**, or a file in **File Manager**. |  |
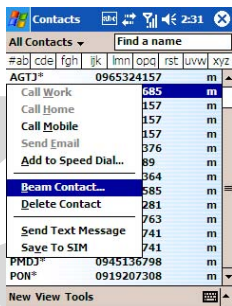
**2**   Tap **Beam** [**type of item**].

**3**   Tap the device to which you want to send the beam.

The item is beamed to the device you selected.

**Tip:** If the device that you want to beam to does not appear in the list, make sure that it is turned on, in discoverable mode, and within 10 meters (10 meters) of

your device. Also, make sure you're your Bluetooth radio is turned on.

## *Receiving a Bluetooth Beam*

| | **Action** |
|---|---|
| **1** | Make sure that your device is configured to receive incoming beams and that **Bluetooth** is in discoverable mode. |



| | |
|---|---|
| **2** | Make sure that your device is within 10 meters of the device beaming the information. |
| **3** | Tap **Settings** > **Beam**, and select **all incoming beams**. |
| **4** | When prompted to receive an incoming beam, tap **Yes**. |
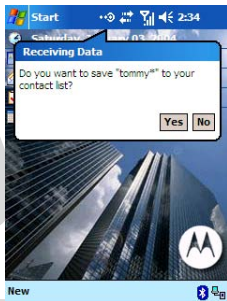
The information is now stored on your device.

## *Using a Bluetooth Phone as a Modem*

You can use a phone that has Bluetooth capabilities as a modem for your device. To do this, you create a Bluetooth modem connection on your device and then send information to the phone by using Bluetooth. The phone relays the information over the phone line and then sends

back to your device any information that you had requested over the connection.

Once you create a modem connection to the Bluetooth phone, you can reuse it whenever you want to use the phone as a modem.

| | **Action** |
|---|---|
| **1** | Make sure that the Bluetooth phone is turned on, that your device's and the phone's Bluetooth radios are turned on, and that your device and the phone are within 10 meters (10 meters) of one another. |
| **2** | If you have not already done so, create a Bluetooth phone connection by following steps 3 through 16. Otherwise, skip to step 17. |
| **3** | Tap  > **Settings** > **Connections** tab. |
| **4** | Tap **Connections** > **Add a new modem connection**. |
| **5** | Enter a name for the connection. |
| **6** | In the **Select a modem** list, tap **Bluetooth** > **Next**. |
| **7** | Make sure that the phone is discoverable. Some phones may also need to be pairable in order to accept a bonding request. |
| **8** | If the phone appears in the **My Connections** list, skip to step 14. If not, tap **New** and follow the remaining steps. |

| | **Action** |
|---|---|
| **9** | In the list, tap the phone and then **Next**. |
| **10** | In **PIN**, enter a PIN of between 1 and 16 characters, and tap **Next**. |
| **11** | Enter the same PIN on the phone. |
| **12** | If you want, in **Name**, edit the name of the phone. |
| **13** | Tap **Finish**. |
| **14** | In the **My Connections** list, tap the phone, and then **Next**. |
| **15** | Enter the phone number to dial for this connection and tap **Next**. |
| **16** | In **User name**, **Password**, and **Domain**, enter the logon information for this connection and tap **Finish**. |
| **17** | Start using the program that uses the Bluetooth phone connection, for example Inbox to send and receive e-mail, or Internet Explorer to browse the Web. |
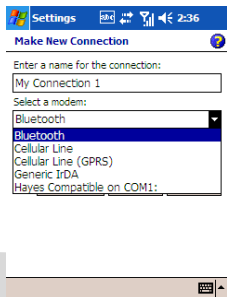
# *Beaming Information with Infrared*

You can use the infrared port on your device to send and receive (beam) calendar appointments and contact cards between your device and another mobile device or a PC that has an infrared port and supports VCards and VCal.

## *Beaming a Contact or Appointment*

**Find the Feature**
    🎔 > Contacts
    or
    🎔 > Calendar

| | **Action** |
|---|---|
| **1** | Tap and hold a contact or an appointment to beam, then tap **Beam Contact**. |
| **2** | Tap the device to which you want to beam. |
| **3** | Make sure that the infrared ports are unobstructed and within close range of each other. |
| **4** | Tap **Beam**. |

## *Receiving Beamed Information*

**Find the Feature**
    🎔 > Settings > Connections
    > Beam

| | **Action** |
|---|---|
| **1** | Tap **Receive all incoming beams**. |
| **2** | Align the infrared ports so that they are unobstructed and within close range of each other. |
| **3** | Tap **Yes** to receive the information. |

# Enroller

**Find the Feature**　　　🎨 > Settings > Enroller

You can use **Enroller** to request a user certificate from a certificate server.

Users must enter a **user name**, **password**, and **server** to retrieve the certificate. Once this data is entered, tap on the **Retrieve Certificate** button to download the certificate from the server.

The status box at the bottom of the screen indicates the success or failure in attempting to retrieve the certificate.

**Note:** The enrollment tool is specifically designed to interact with Microsoft® Certificate Servers. Alternate Certificate Authority servers will require a custom enrollment application.

# Pocket Internet Explorer: Browsing Web and WAP Pages

**Find the Feature**　　　🎨 > Settings
　　　　　　　　　　　> Internet Explorer

You can use **Microsoft Pocket Internet Explorer** to view Web HTML, cHTML, xHTML and WAP pages. You can browse in either of these ways:

- During synchronization with your PC, download your favorite links and mobile favorites that are stored in the **Mobile Favorites** folder in Internet Explorer on the PC.

- Connect to an Internet service provider (ISP) or network and browse the Web.

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**Tip:** To synchronize and download your favorite links from your desktop computer, tap the sync option **Favorites** in **ActiveSync** on your desktop PC.

When connected to an ISP or network, you can also download files and programs from the Internet or intranet.
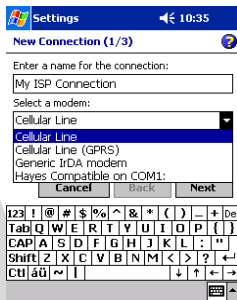
## *Using GPRS Connections*

If you subscribe to General Packet Radio Services (GPRS), you can set up a GPRS connection to gain access to your corporate network or the Internet. This is faster than a dial-up connection.

## Creating a GPRS Connection

| Action |
|--------|

**1** Tap 🎴 > **Settings** > **Connectins** > **Connections**.

**2** Tap **Add a new modem connection** under My ISP.

**3** Enter a name for the connection, such as "My ISP Connection."

**4** In the Select a modem list, select your modem type. Look for the "Cellular Line (GPRS)" entry.

**5** Enter teh Access Point Name (APN) (for example, "emome") provided to you by your wireless network provider.
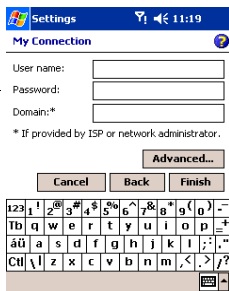
| | **Action** |
|---|---|
| **6** | Enter any authentication information that your ISP requests. |
| **7** | You should not need to change any settings in Advanced. Most ISPs now use a dynamically-assigned address. |

| | |
|---|---|
| **8** | Tap **Finish** to complete the setting. |

*Getting Connected*

## *Using Pocket Internet Explorer*

You can use Pocket Internet Explorer to browse mobile favorites and channels that have been downloaded to your device without connecting to the Internet. You can also connect to the Internet through an ISP or a network connection and browse the Web/WAP page(s).

## *Browsing the Internet*

| | **Action** |
|---|---|
| **1** | In the address bar that appears at the top of the screen, enter the Web address you want to visit. |
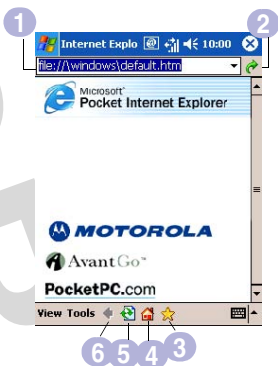
**2** Tap 🔗 to go to the web address you entered.

**3** Tap ⭐ , the **Favorites** button, then tap the favorite you want to view.

**4** Tap 🏠 to go back to the home page you set.

**5** Tap 🔄 to refresh the web page on the screen.

**6** Tap the arrow ◀ to choose from previously entered addresses.

### *Viewing Mobile Favorites and Channels*

| | **Action** |
|---|---|
| **1** | To display your list of favorites, tap ⭐. |

**2**    Tap the page you want to view.

**3**    You will see the page that was downloaded the last time you synchronized with your PC. If the page is not on your device, the favorite will be dimmed. T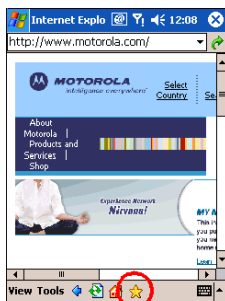o download the page to your device, you will need to synchronize with your PC again, or connect to the Internet to view the page.

**Tip:** To add a favorite link while using the device, go to the page you want to add, tap and hold on the page, and tap **Add to Favorites**.

### *The Mobile Favorites Folder*

Only items stored in the **Mobile Favorites** folder in the **Favorites** folder in Internet Explorer on your PC will be synchronized with your device. This folder was created automatically when you installed ActiveSync®.

**Favorite Links**

During synchronization, the list of favorite links in the **Mobile Favorites** folder on your PC is synchronized with **Pocket Internet Explorer** on your device. Both PC and your device are updated with changes made to either list each time you synchronize. Unless you mark the favorite link as a mobile favorite, only the link will be downloaded to your device, and you will need to connect to your ISP or network to view the content. For more information on synchronization, see ActiveSync Help on the PC.

**Mobile Favorites**

If you are using Microsoft Internet Explorer 5.0 or later on your PC, you can download mobile favorites to your device. Synchronizing mobile favorites downloads Web content to your device so that you can view pages while you are disconnected from your ISP and PC.

Use the Internet Explorer plug in installed with ActiveSync to create mobile favorites quickly.

To create a mobile favorite:

| | Action |
|---|---|
| **1** | In Internet Explorer on your desktop computer, click **Tools** > **Create Mobile Favorite**. |
| **2** | To change the link name, enter a new name in the **Name** box. |
| **3** | Optionally, in **Update**, select a desired update schedule. |

| | **Action** |
|---|---|
| **4** | Click **OK**. Internet Explorer downloads the latest version of the page to your desktop computer. |
| **5** | To limit the number of download links, open Internet Explorer on your desktop PC, then open **Favorites**. Scroll through **Mobile Favorites** to the one you want to change. Finally, right-click the mobile favorite and then **Properties**; in the **Download** tab, specify 0 or 1 for the number of linked pages you want to download. |
| **6** | Synchronize your device and desktop computer. Mobile favorites that are stored in the Mobile Favorites folder in Internet Explorer are downloaded to your device. |

If you did not specify an update schedule in step 3, you will need to manually download content to keep the information updated on your desktop computer and device. Before synchronizing with your device, in Internet Explorer on your desktop computer, click **Tools** and then **Synchronize**. You will see the last time content was downloaded to the desktop computer, and you can manually download content if needed.

You can add a button to the Internet Explorer toolbar for creating mobile favorites. In Internet Explorer on your desktop computer, click **View**, **Toolbars**, and then **Customize**.

**Saving Device Memory**

Mobile favorites take up storage memory on your device. To minimize the amount of memory used:

- In **ActiveSync** on your desktop, click **Options**, select **Favorites/Internet Explorer**, tap **Settings** and then **Customize**. You can then deselect **Synchronize Images**, **Synchronize Sound** and/or **Synchronize offline content pages**, to stop pictures and sounds, or some mobile favorites from being downloaded to the device.

- Limit the number of downloaded linked pages. In Internet Explorer on the desktop computer, click **Favorites**; then move your mouse through **Mobile Favorites** to the mobile favorite you want to change. Finally, right-click the mobile favorite and then **Properties**. In the **Download** tab, specify 0 or 1 for the number of linked pages you want to download.

DRAFT

# *Troubleshooting*

Check these questions first if you have problems with your phone:

| Question | Answer |
|----------|--------|
| **How do I know if my battery is charged?** | The battery level indicator on the external display should show at least 1 bar (segment) of power. If it does not, please recharge your phone's battery (see "Charging the Battery" on page 28). If the battery level indicator has 3 bars showing, then your phone's battery is fully charged. You can also check the battery level by tapping ![icon] > **Settings** > **System** > **Power**. |
| **Do you have a valid SIM card inserted in your phone?** | A missing or invalid SIM card is indicated by an icon of the antenna with an exclamation point. If necessary, turn off your phone and make sure that you have inserted a valid SIM card. |
| **Does the handset have a signal? Do you see a signal showing in the display?** | The signal strength indicator should have at least one segment showing. If it does not, move to an area with a stronger signal to use your phone. |

| Question | Answer |
|---|---|
| **Is the earpiece volume too low?** | While on a call, scroll up. |
| **Is the other party unable to hear you?** | Your phone may be muted. You may take the call off of mute by making the appropriate soft key selection. |
| | Also, you and/or the person you are speaking with may be in a weak network coverage area. Make sure that your phone's microphone is not obstructed. |
| **Has the phone been damaged, dropped or gotten wet?** | Dropping your phone, getting it wet, or using a non-Motorola battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories. |
| **I can't hear my phone ring.** | Ensure that your phone is not set to **Silent** or **Vibrate**. See page 113 for instructions on how to modify your phone's alerts and ringers. |

The following referring to specific problems:

| Question | Answer |
|---|---|
| **My phone was stolen. To whom should I report this?** | Report a stolen phone to the police and to your service provider. |
| **I forgot my password** | See "Changing the SIM card PIN Code" on page 120. |
| **I pressed the End/Power key, but nothing happened.** | To turn your phone On or Off, Press and hold the End/Power key P for 2 seconds. If your phone will still not turn On when you do this, then check to see if your phone's battery is charged. |
| **The Display says Insert SIM card or Check SIM Card even though I have inserted my SIM card in the phone.** | The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. |
| **The display says SIM Blocked. How do I unblock my SIM card?** | Call your service provider to obtain the PIN unblocking code. |

| Question | Answer |
| --- | --- |
| **The display says Enter Unlock Code. How do I unlock my phone?** | Enter the factory-preset unlock code, 1234, or the last 4 digits of your phone number. |
| | If you changed the default unlock code in your phone, enter the unlock code that you defined to unlock it. |
| **My phone asks for an unlock code when I try to open a feature.** | The application you want is locked. If you own the phone but do not know the unlock code, see "Changing the SIM card PIN Code" on page 120. |
| **My phone rings even though I selected the silent or vibrate alert profile.** | The ringer may be set to play a tone even though your phone is set to a silent alert profile. |
| **I tried to place a call and heard an alternating high/low tone.** | Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call. |

| Question | Answer |
|----------|--------|
| **I cannot make/ answer calls.** | Make sure that you have a phone signal. Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings. |
| | Your phone may also have the **Call Barring** feature turned on. If you know the unlock code, you can change this setting in the security menu. 🎛 > **Settings** > **Security**. |
| | Also, make sure your SIM card is inserted and working. |
| **My phone has poor reception and drops calls.** | Make sure you have a phone signal. Stay clear of any obstructions such as bridges, parking garages, or tall buildings. |
| **I cannot hear others on my phone.** | While on a call, adjust the volume by scrolling with the navigation key to either the right (to increase) or to the left (to decrease) the phone volume in my earpiece. Also, make sure that your phone's earpiece is not blocked by its carrying case. |
| **I cannot open my inbox.** | Before you can use text or information services messages, you must set up the appropriate inbox. |

| Question | Answer |
|---|---|
| **How do I see the calls I sent or received?** | To see the most recent calls you dialed or received, open the list: <br><br> 📇 > **Recent calls** > **Received Calls** or **Dialed calls**. |
| **My phone will not dial voicemail commands, passwords, or other codes.** | Your phone sends commands and passwords as DTMF tones. You can set your phone's DTMF tones to **Long**, **Short** or **Off**. If you have trouble sending numbers, check your DTMF setting. <br><br> From the idle display: 📇 > **Settings** > **Other Setting** > **Initial Setup** > **DTMF**. <br><br> Scroll to **Long DTMF** or **Short DTMF** and confirm your selection. |
| **My phone's display is too light.** | You can change the level of contrast in your phone display. |
| **What can I do to extend battery life?** | Your battery's performance is affected by charge time, feature use, temperature changes, and other factors. <br><br> To extend the battery life, you can set the minimum time for the device to sleep if unused; minimize the LCD backlight when operating on battery; and set the LCD timeout. |

*Troubleshooting*

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| Question | Answer |
|---|---|
| **How should I do when the memory is low?** | To increase the memory of the device, install new applications in the storage card or the resident flash instead of in default memory (RAM).<br><br>You can also store files, attachments, pictures, MP3 files in the storage card or the resident flash. |
| **How do I remove the battery?** | Remove it by opening the back cover of the phone. |
| **My phone is stuck and none of the keys I push will do anything. How do I make my phone work?** | You may need to reset your phone. To reset your phone (without changing any of the defaults that you currently have), remove your replaceable battery from your phone and then insert it back into your phone. This will reset your phone and you should be able to power your phone back on and use it again. |

# *Restoring the Factory Default Settings*

In some cases, you may need to restore the factory default settings of your phone by clearing the memory (RAM) from your phone. This is called a *hard reset*.

| | **Action** |
|---|---|
| **1** | Turn off your phone. |
| **2** | Press and hold the **Send** key with one hand while using the stylus to press the Reset switch with the other hand. |
| **3** | Release the **Send** key after the phone restarts. |

# *Specific Absorption Rate Data*

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

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

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. 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 guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 1.6 W/kg.[1] Tests for SAR are conducted using standard operating positions 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 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 base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is ____ W/kg.[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.

1. The SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of body 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. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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