**MOTOROLA**

# MD680 Series

Digital 5.8 GHz
Cordless Telephone System
with Answering Machine

# *User's Guide >*

# *Welcome*

**Congratulations on your purchase of a Motorola product!**

Product registration is an important step. Registering helps us facilitate warranty service and permits us to contact you if your Motorola product requires an update or other service.

To register your product online, visit:
www.motorola.com/warranty/cordless

Please retain your original dated sales receipt for your records. For warranty service of your Motorola product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

For a large-print version of this guide, or for product-related questions, please call:

**1-800-353-2729 in the USA**
**1-888-390-6456 TTY (Text Telephone)**
**On the Web:**
www.motorola.com/cordless

6864110W43-O

# *FCC and Interference Information*

This equipment complies with Parts 15 and 68 of the FCC rules and the requirements adopted by the Administrative Council for Terminal Attachments (ACTA).

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

**Notification of the Local Telephone Company**

On the bottom of this equipment is a label that contains, among other information, a product identifier in the form US:AAAEQ##TXXXX. You must, upon request, provide this information to your telephone company.

The digits represented by ## in the product identifier indicate the Ringer Equivalency Number (REN) for this equipment. The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, contact your local telephone company.

**Notes**:

- This equipment may not be used on coin service provided by the telephone company.
- Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

**2**

- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this cordless phone does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
- The FCC requires that you connect your cordless telephone to the nationwide telephone network through a modular telephone jack (USOC RJ11C/RJ11W or RJ14C/RJ14W).

**Rights of the Telephone Company**

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practical and the circumstances warrant such action, the telephone company may temporarily disconnect service immediately. In case of such temporary discontinuance, the telephone company must:

1. Promptly notify you of such temporary discontinuance;
2. Afford you the opportunity to correct the situation;
3. Inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

## Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference with one or more of the following measures:

Reorient or relocate the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).

Reorient or relocate and increase the separation between the telecommunications equipment and the receiving antenna.

Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How to Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

The FCC requires this product to be serviced only by Motorola or its authorized service agents. Changes or modifications not expressly approved by Motorola could void not only the user's authority to operate the equipment, but also the limited warranty.

**Hearing Aid Compatibility**

This telephone system meets the FCC standards for hearing aid compatibility.

# *Important Safety Instructions*

Follow these safety precautions when using your cordless phone to reduce the risk of fire, electric shock, and injury to persons or property:

1. Keep all slits and openings of the phone unblocked. Do not set the phone on a heating register or over a radiator. Ensure that proper ventilation is provided at the installation site.

2. Do not use while wet or while standing in water.

3. Do not use this product near water (for example, near a bath tub, kitchen sink, or swimming pool).

4. Do not allow anything to rest on the power cord. Place the power cord so that it will not be walked on.

5. Never insert objects of any kind into the product slits as that may result in fire or shock.

6. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

7. Do not disassemble this product. If service or repair work is required, contact the Motorola address found in the back of this user's guide.

8. Do not overload wall outlets and extension cords.

9. Avoid using during an electrical storm. Use a surge protector to protect the equipment.

10. Do not use this cordless phone to report a gas leak, especially if you are in the vicinity of the gas line.

**Caution:** To reduce the risk of fire, use only No. 26 AWG or larger UL Listed or CSA Certified Telecommunication Line Cord.

**Unplug this cordless phone immediately from an outlet if:**

- The power cord or plug is damaged or frayed.
- Liquid has been spilled into the product.
- The product has been exposed to rain or water. Do not retrieve the handset or base until after you have unplugged the power and phone from the wall. Then retrieve the unit by the unplugged cords.
- The product has been dropped or the cabinet has been damaged.
- The product exhibits a distinct change in performance.

**Installation Guidelines**

1. Read and understand all instructions and save them for future reference.
2. Follow all warnings and instructions marked on the product.
3. Do not install this product near a bath tub, sink, or shower.
4. Operate this phone using only the power source that is indicated on the marking label. If you are unsure of the power supply to your home, consult with your dealer or local power company.
5. Do not place this product on an unstable cart, stand, or table. This product may fall, causing serious damage to the product.
6. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work to restore the product to normal operation.
7. Clean this product with a soft, damp cloth. Do not use chemicals or cleaning agents to clean this phone.

*Important Safety Instructions*

8. Use only the power supply that came with this unit. Using other power supplies may damage the unit.

9. Because cordless phones operate on electricity, you should have at least one phone in your home that is not cordless in case the power in your home goes out.

10. To avoid interference to nearby appliances, do not place the base of the cordless phone on or near a TV, microwave oven, or VCR.

**Caution:** To maintain compliance with the FCC's RF exposure guidelines, place the base unit at least 20 cm from nearby persons.

### Battery Safety Instructions

- Do not burn, disassemble, mutilate, or puncture the battery. The battery contains toxic materials that could be released, resulting in injury.

- **Caution:** There is a risk of explosion if you replace the battery with an incorrect battery type. Use only the battery that came with your phone or an authorized replacement recommended by the manufacturer.

- Keep batteries out of the reach of children.

- Remove batteries if storing over 30 days.

- Do not dispose of batteries in fire, which could result in explosion.

- The rechargeable batteries that power this product 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.

# Contents

# *Getting Started*

To set up your Motorola digital cordless phone, choose a location, connect the base station, and install the battery pack as described in this user's guide.

## *Choosing a Location*

The location should be:
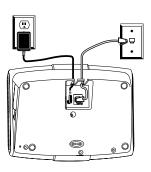
- Away from electrical appliances such as a TV, personal computer, or another cordless phone.
- In a high and central location with no obstructions, such as walls.

If you hear noise while using the handset near a microwave or another cordless phone's base station, move away from the microwave or base station and closer to your handset's base station.

## *Connecting the Base Station*

**Important:** Before installing or handling batteries, read the Battery Safety Instructions on page 8.

Plug the power cord into the back of the base station and into an electrical outlet.

## Optional Backup Battery Pack

**Important:** Before installing or handling batteries, read the Battery Safety Instructions on page 8.
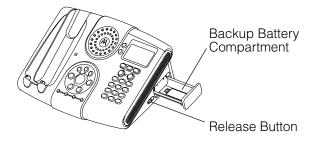
The base station uses the backup battery to power the handset for up to 2½ hours during a power outage.

**Note:** You cannot use the base station when the backup battery is in use, only the handset.

The backup battery pack can also replace a low battery in the handset.

1. Press the release button to open the backup battery compartment.
2. Insert the battery pack with the contacts facing up and to the left.
3. Close the backup battery compartment.
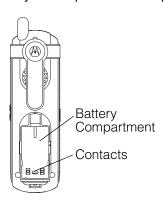
**Note:** For the initial charge, charge the battery for at least 24 hours.



Backup Battery Compartment

Release Button

## *Installing the Battery Pack in the Handset*

**Important:** Before installing or handling batteries, read the Battery Safety Instructions on page 8.

1. Remove the battery cover by pressing on the recess and sliding the cover down and off the handset.
2. Insert the battery into the compartment with the contacts facing down and aligned with the contacts in the battery compartment.
3. Slide the battery cover upward and into place.



Battery Compartment

Contacts

## *Charging the Handset*

Place the handset in the base station. The **CHARGING** LED is solid red when the handset is charging.

**Note:** For the initial charge, charge the battery for at least 12 hours.
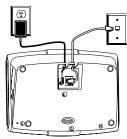
**Note:** When the handset battery needs charging, 🔲 flashes and LOW BATTERY displays on the handset.

Charging LED

## *Connecting the Phone Line*
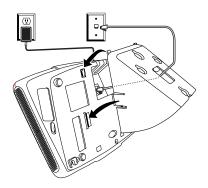
**Note:** Do not connect the base station to the phone line until the handset is fully charged.

1. Plug one end of the telephone line into the jack on the bottom of the base station.
2. Plug the other end into the phone jack.
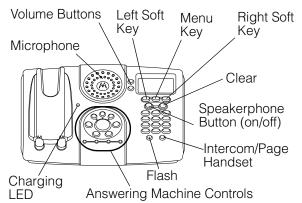
# *Mounting the Base Station on a Wall*
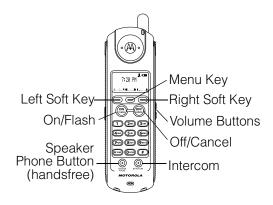
1. Plug the power cord into the back of the base station and into an electrical outlet.
2. Plug one end of the telephone line into the jack on the back of the base station. Plug the other end into the phone jack.
3. Line up the tabs on the wall mount bracket with the holes on the bottom of the base station. Snap the wall mount bracket firmly into place.
4. Position the base station/wall mount bracket so the mounting studs fit into the holes on the wall mount bracket. Slide the base station/wall mount bracket into place.

## Base Station Controls

Volume Buttons    Left Soft Key    Menu Key    Right Soft Key

Microphone

Clear

Speakerphone Button (on/off)

Intercom/Page Handset

Charging LED

Flash

Answering Machine Controls

## Handset Controls

7:20 PM

Left Soft Key

Menu Key

Right Soft Key

On/Flash

Volume Buttons

Off/Cancel

Speaker Phone Button (handsfree)

Intercom

MOTOROLA
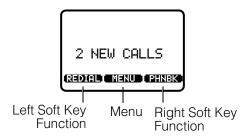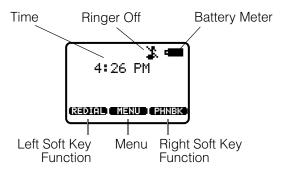
# Using the Displays

Your base station and handset each have a display. When the base station and handset are not in use, the standby screen displays.

**Base Station Standby Screen Example**

```
┌──────────────────────┐
│                      │
│     2 NEW CALLS      │
│                      │
│ REDIAL  MENU  PHNBK  │
└──────────────────────┘
```

Left Soft Key Function     Menu     Right Soft Key Function

**Handset Standby Screen Example**

Time     Ringer Off     Battery Meter

```
┌──────────────────────┐
│              ⅀ ▬      │
│  4:26 PM             │
│                      │
│ REDIAL  MENU  PHNBK  │
└──────────────────────┘
```

Left Soft Key Function     Menu     Right Soft Key Function

## Using the Soft Keys

On the standby screen, the left and right soft keys perform the function displayed above the key. For example, pressing the left soft key (REDIAL), opens the list of previously dialed phone numbers.

When in the MENU list, use the soft keys to scroll (▲ and ▼) through the list. When setting some features, for example KEYPAD TONE, use the soft keys to select ON or OFF. When setting other features, for example RINGER VOLUME, use the soft keys (▲ and ▼) to increase or decrease ringer volume. Use the soft keys to scroll through the selections of other features. For example, when setting RINGER TONE, use the soft keys (◀ and ▶) to scroll through the selections.

This guide shows soft key presses as the function followed by ⊂⊃, for example, press REDIAL (⊂⊃) or scroll (⊂⊃).

## Using the Menu Key

Use the MENU key (⊂⊃) to open the menu list and to confirm (OK) settings. On the display, the currently selected item is highlighted. Use the left and right soft keys (⊂⊃) to scroll (▲ and ▼), to items above and below the currently highlighted item.

# *Setting Up Your Base Station and Handset*

## *Setting the Time on the Handset*

**Note:** The time displays only on the handset, not the base station.

| Action |
| --- |
| **1** Press MENU (⬭). |
| **2** Scroll to SET TIME, then press OK (⬭). |
| **3** Using the keypad, enter the time (2 digits each for the hour and the minutes). Use a leading zero for a single-digit hour, (for example, 03:56). If you make a mistake, press (left arrow) (⬭), to clear the digit(s). |
| **4** Press AM/PM (⬭) to switch between am and pm, then press SAVE (⬭). |
| **5** Press **OFF**, to return to the standby screen. |

## *Personalizing Your Base Station and Handset*

You can personalize the base station and handset by setting unique ringer tones, adjusting the ringer volume, and setting the language (English, Spanish, Portuguese, or French).

**Note:** When setting options on the base station, select BASE SETTINGS from the MENU. When setting options on the handset, select HANDSET SETTINGS from the MENU.

## Setting the Ringer Volume

If you set the volume to the lowest level, OFF, the base station and handset do not ring when you receive a call. When set to OFF, ☇ displays.

| | Action |
|---|---|
| **1** | Press MENU (⊂⊃). |
| **2** | Scroll (⊂⊃) to BASE SETTINGS or HANDSET SETTINGS, then press OK (⊂⊃). |
| **3** | Ensure RINGER VOLUME is highlighted, then press OK (⊂⊃). |
| **4** | Press the left or right soft key (⊂⊃) to increase or decrease the volume, then press OK (⊂⊃). |
| **5** | Press **CLEAR** or **OFF** twice to return to the standby screen, or scroll (⊂⊃) to another option. |

## Setting the Ringer Tone

This option sets a ringer tone for incoming calls.

| | Action |
|---|---|
| **1** | Press MENU (⊂⊃). |
| **2** | Scroll (⊂⊃) to BASE SETTINGS or HANDSET SETTINGS, then press OK (⊂⊃). |
| **3** | Scroll (⊂⊃) to RINGER MELODY or RINGER TONE, then press OK (⊂⊃). |

| **Action** |
| --- |
| **4** Scroll (⚌) through the ring tones. Each tone plays as you scroll through them. When you hear the ring tone you want, press ÖK (⚌). |
| **5** Press **CLEAR** or **OFF** twice to return to the standby screen, or scroll (⚌) to another option. |

## Setting the Keypad Tone

This option turns the keypad tones on or off. When set to ÖN, the base station or handset beeps every time you press a key or button.

| **Action** |
| --- |
| **1** Press MENU (⚌). |
| **2** Scroll (⚌) to BASE SETTINGS or HANDSET SETTINGS, then press ÖK (⚌). |
| **3** Scroll (⚌) to KEYPAD TONE, then press ÖK (⚌). |
| **4** Press the left or right soft key (⚌) to select ÖN or ÖFF, then press ÖK (⚌). |
| **5** Press **CLEAR** or **OFF** twice to return to the standby screen, or scroll (⚌) to another option. |

## Setting the Contrast

This option adjusts the display contrast.

| | Action |
|---|---|
| **1** | Press MENU (⊂⊃). |
| **2** | Scroll (⊂⊃) to BASE SETTINGS or HANDSET SETTINGS, then press OK (⊂⊃). |
| **3** | Scroll (⊂⊃) to CONTRAST, then press OK (⊂⊃). |
| **4** | Press the left or right soft key (⊂⊃) to adjust the contrast, then press OK (⊂⊃). |
| **5** | Press **CLEAR** or **OFF** twice to return to the standby screen, or scroll (⊂⊃) to another option. |

## Setting the Language

This option changes the language used in the options menu list.

**Note:** This option does not change the language for the soft keys, for example, MENU and REDIAL. The language setting is unique to the base station and handset. Changing the language on one, does not change the language on the other.

| | Action |
|---|---|
| **1** | Press MENU (⊂⊃). |
| **2** | Scroll (⊂⊃) to BASE SETTINGS or HANDSET SETTINGS, then press OK (⊂⊃). |
| **3** | Scroll (⊂⊃) to LANGUAGE, then press OK (⊂⊃). |

| Action |
| --- |
| **4** Press the left or right soft key (⬛) to scroll to the language of choice, then press OK (⬛). |
| **5** Press **CLEAR** or **OFF** twice to return to the standby screen, or scroll (⬛) to another option. |

## Setting the Vibrate Control (handset only)

This option causes your handset to vibrate when you receive a call.

| Action |
| --- |
| **1** Press MENU (⬛). |
| **2** Scroll (⬛) to HANDSET SETTINGS, then press OK (⬛). |
| **3** Scroll (⬛) to VIBRATE CONTROL, then press OK (⬛). |
| **4** Press the left or right soft key (⬛) to select ON or OFF, then press OK (⬛). |
| **5** Press **OFF** twice to return to the standby screen, or scroll (⬛) to another option. |

## Setting the Low Battery Tone (handset only)

This option alerts you when the battery charge is low.

| | Action |
|---|---|
| **1** | Press MENU (▱). |
| **2** | Scroll (▱) to HANDSET SETTINGS, then press OK (▱). |
| **3** | Scroll (▱) to LOW BATT TONE, then press OK (▱). |
| **4** | Press the left or right soft key (▱) to select ON or OFF, then press OK (▱). |
| **5** | Press **OFF** twice to return to the standby screen, or scroll (▱) to another option. |

## Setting the Range Tone (handset only)

This option alerts you when the handset is out of range from the base station.

| | Action |
|---|---|
| **1** | Press MENU (▱). |
| **2** | Scroll (▱) to HANDSET SETTINGS, then press OK (▱). |
| **3** | Scroll (▱) to RANGE TONE, then press OK (▱). |
| **4** | Press the left or right soft key (▱) to select ON or OFF, then press OK (▱). |
| **5** | Press **OFF** twice to return to the standby screen, or scroll (▱) to another option. |

## Setting the Tone/Pulse (base station only)

This option sets the base station for either tone or pulse dialing.

| | Action |
|---|---|
| **1** | Press MENU (⬚). |
| **2** | Scroll (⬚) to BASE SETTINGS, then press OK (⬚). |
| **3** | Scroll (⬚) to TONE/PULSE, then press OK (⬚). |
| **4** | Press the left or right soft key (⬚) to select TONE or PULSE, then press OK (⬚). |
| **5** | Press **CLEAR** twice to return to the standby screen, or scroll (⬚) to another option. |

*Setting Up Your Base Station and Handset*

# *Using the Basic Functions*

## *Making and Ending a Call Using the Base Station*

| **Action** |
| --- |
| 1 Press ◀》). The speakerphone icon ◀》) lights up when the base station is on. |
| 2 When you hear the dial tone, dial the number. |
| **or** |
| Enter the phone number, then press ◀》). This lets you see the phone number on the display before the number is dialed. |
| The speakerphone icon ◀》) lights up and LINE IN USE and ☎X (where X is the handset number) display on the base station when on a call. |
| During a call, a timer on the display shows the amount of time on the call. |
| 3 When you are finished talking, press ◀》) to hang up. |

### Adjusting the Speakerphone Volume on the Base Station During a Call

| Action |
| --- |
| Press the volume button up to increase volume, or press down to decrease volume. |



Volume Buttons

## *Making and Ending a Call Using the Handset*

| Action | |
| --- | --- |
| **1** | Pick up the handset and press **ON**. The keypad lights up when the handset is on. |
| **2** | When you hear the dial tone, dial the number. |
| | **or** |
| | Enter the phone number, then press **ON**. This lets you see the phone number on the display before the number is dialed. |
| **3** | When you are finished talking, press **OFF**, or place the handset back on the base station to hang up. |
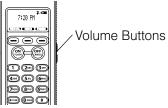
## Adjusting the Volume on the Handset During a Call

### Action

Press the volume button up to increase volume, or press down to decrease volume.



Volume Buttons

**Note:** This procedure is the same for adjusting the volume on the handset speakerphone and the headset while on a call.

## Using the Speakerphone on the Handset (handsfree operation)

### Action

Press **SPEAKER PHONE**. The **SPEAKER PHONE** button lights up and HANDSFREE ON displays briefly.

# Using Call Waiting

If you have call waiting service from your telephone company, you can put a call "on hold", to answer a second call.

| Action |
|--------|
| **1** Press **ON** on the handset or **FLASH** on the base station to answer a second call. <br><br> While on the second call, f displays. |
| **2** Press **ON** again to end the second call and return to the first call. |

# Muting a Call

| Action |
|--------|
| **1** Press MUTE (⊂⊃) when on a call. <br> MICROPHONE MUTED displays. |
| **2** Press MUTE (⊂⊃) again to unmute the call. |

## *Putting a Call on Hold*

| Action |
|--------|
| **1** Press HOLD (⚌). ◀») on the base station flashes and CALL ON HOLD displays on the handset. |
| If Clock Mode is on, the CALL ON HOLD reminder on the handset displays for only 5 seconds. |
| **2** To return to the call, press ◀») on the base station or **ON** on the handset. |

**Note:** A call can remain on hold for up to 5 minutes. After 5 minutes, CALL ON HOLD RING BACK! displays. You have 30 seconds to return to the call before it is dropped/disconnected.

## *Saving a Name/Number in the Phonebook*

Saving names and numbers in the phonebook makes it easy to dial numbers you call frequently. You can enter up to 50 numbers directly into each phonebook or add them from the caller ID or redial list.

### Base Station Phonebook

The base station phonebook is unique and is not accessible by any handset.

### Handset Phonebooks

Each handset phonebook is unique and is not accessible by other handsets or the base station.

To save a number in either phonebook:

| | Action |
|---|---|
| **1** | From the standby screen, enter the phone number, then press PHNBK (⚌). |
| | **Note:** Be sure to include long distance codes and pauses if required. |
| **2** | At the ENTER NAME prompt, use the keypad to enter the name (see page 41). |
| **3** | Press SAVE (⚌) to store the name and number. |
| | **Note:** If the phonebook is full, PHONEBOOK IS FULL displays. |
| | **Tip:** Erase numbers you no longer call to make room for new ones. |
| **4** | Press and hold **CLEAR** for 2 second on the base station or **OFF** for 2 seconds on the handset to return to the standby screen. |

## *Inserting Pauses in a Phone Number*

| Action |
|---|
| When you want to insert a pause, press PAUSE (⚌). The letter P displays. |
| When you call a number with a pause, the phone waits a few seconds before transmitting the next digits in the dialing sequence. This is useful when you have to dial a number for access to an outside line, or for going into a voicemail system. |

## *Saving a Caller ID or Redial Number in the Phonebook*

| | **Action** |
|---|---|
| **1** | Display and highlight the number, then press SELECT (⚊). |
| **2** | Press SAVE (⚊), then follow steps 2 through 4 on page 33 to save the number. |

## *Calling a Number from the Phonebook*

| | **Action** |
|---|---|
| **1** | From the standby screen, press PHNBK (⚊). |
| **2** | Scroll (⚊) to highlight the name/number, then press SELECT (⚊). |
| **3** | Press **ON** on the handset,<br><br>**or**<br><br>Press ◀» on the base station to dial the number. |

## Deleting Phonebook Entries

| | Action |
|---|---|
| **1** | From the standby screen, press PHNBK (⚌). |
| **2** | Scroll (⚌) to highlight the entry to delete. |
| **3** | Press EDIT (⚌), then press DEL (⚌). |
| **4** | Press THIS (⚌) to delete the highlighted entry, or press ALL (⚌) to delete all entries in the phonebook. |

If you press THIS, the highlighted entry is deleted and the phonebook remains displayed. Scroll to another entry, or press and hold **OFF** for 2 seconds to return to the standby screen.

If you press ALL, ARE YOU SURE? displays. Press NO (⚌) to return to the phonebook.

**or**

Press YES (⚌) to delete all entries. PHONEBOOK IS EMPTY displays briefly before the standby screen displays.

## *Editing Phonebook Entries*

| | **Action** |
|---|---|
| **1** | From the standby screen, press PHNBK (⬤). |
| **2** | Scroll (⬤) to highlight the entry to edit, then press EDIT (⬤). |
| **3** | Press EDIT (⬤) again. |
| **4** | Press NAME (⬤) or NUMBER (⬤). |
| **5** | To edit the name or number:<br><br>Press MORE (⬤) for additional options.<br>Press SPACE (⬤) to insert blank spaces.<br>Press DEL (⬤) to delete the highlighted character.<br>Press PAUSE (⬤) to insert a pause (P), character in a phone number. |
| **6** | Press BACK (⬤) to return to the previous screen. |
| **7** | Press SAVE (⬤) to save your changes. |
| **8** | Press and hold **CLEAR** on the base station or **OFF** on the handset to return to the standby screen. |

## *Redialing a Number*

The base station and each handset saves the last 10 dialed phone numbers in memory.

| | Action |
|---|---|
| **1** | From the standby screen, press REDIAL (⬭). The number on the top line is the last number dialed. |
| **2** | Scroll (⬭) to highlight the number to redial. |
| **3** | Press ◀᎕ on the base station, or **ON** on the handset to redial the number. |

## *Erasing Numbers in Redial Memory*

| | Action |
|---|---|
| **1** | From the standby screen, press REDIAL (⬭). |
| **2** | Scroll (⬭) to highlight the number, press SELECT (⬭), then press ERASE (⬭). |
| **3** | Press and hold **CLEAR** for 2 seconds on the base station, or **OFF** on the handset to return to the standby screen. |

# *Using Caller ID*

If you subscribe to caller ID service from your telephone company, the phone can display the caller's name and/or number when you receive an incoming call. If the phone company does not send caller ID information or you do not subscribe to caller ID service, the display shows Incoming Call.

## Reviewing the List of Caller ID Calls

The base station can hold up to 99 caller ID records. The handset can hold up to 50 caller ID records. The number of new calls is displayed on the handset and the base station. After you review the calls, the standby screen displays.

**Note:** The number of new calls displayed on the handset and the base station may not be the same. For example, if you answer a call on Handset 2, it does not count as a new call on that handset. However, other registered handsets and the base station add the call to their list of new calls.

| | Action |
|---|---|
| **1** | From the standby screen, press MENU (▭). |
| **2** | Scroll (▭), if required, to CALLER ID LOG, then press OK (▭). |
| **3** | Scroll (▭) through the list to view other records. |

## Dialing a Number from Caller ID

| Action |
| --- |
| With a caller ID record displayed, press **ON** on the handset, or ◀ᴺ on the base station. |

## Saving a Caller ID Number in the Phonebook

| | Action |
| --- | --- |
| **1** | With the caller ID number displayed, press SAVE (⊂=⊃). |
| **2** | At the ENTER NAME prompt, use the keypad to enter the name (see page 41). |
| **3** | Press SAVE (⊂=⊃) to save the name and number. |

### Deleting Caller ID Numbers

| | Action |
|---|---|
| 1 | Press MENU (⬒), then press OK (⬒). |
| 2 | Scroll (⬒) to highlight the number. |
| 3 | Press CID (⬒), then press DEL (⬒). |
| 4 | Press THIS (⬒) to delete the highlighted entry, or press ALL (⬒) to delete all entries.

If you press THIS, the highlighted entry is deleted and the list remains displayed. Scroll to another entry, or press and hold **OFF** for 2 seconds to return to the standby screen.

If you press ALL, ARE YOU SURE? displays. Press NO (⬒) to exit without deleting.

**or**

Press YES (⬒) to delete all entries. |

## Finding a Lost or Misplaced Handset

| | Action |
|---|---|
| 1 | Press **INTERCOM** on the base station or handset. |
| 2 | Scroll (⬒) to highlight the handset number or GLOBAL PAGE (all handsets), then press OK (⬒). The selected handset rings. |
| 3 | Press **CLEAR** on the base station, or press any key other than **OFF** on the handset to stop paging the handset(s). |

# *Entering Text*

**Important:** The base station and each handset can independently store names and numbers in memory. Adding, editing, or deleting entries in the base station or handset does not affect any other handset or the base station.

Your phone system can store up to 50 names/numbers. Each entry can store up to 32 digits for a phone number, and up to 16 characters for the name.

At the ENTER NAME? prompt, use the number keys to spell the name and to enter numbers. Each press of a key displays the characters in the order shown. For example, to enter R, press the 7 key 3 times.

| Number Key | Number of Presses | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | & | ' | , | . | 1 | | | | |
| 2 | A | B | C | a | b | c | 2 | | |
| 3 | D | E | F | d | e | f | 3 | | |
| 4 | G | H | I | g | h | i | 4 | | |
| 5 | J | K | L | j | k | l | 5 | | |
| 6 | M | N | O | m | n | o | 6 | | |
| 7 | P | Q | R | S | p | q | r | s | 7 |
| 8 | T | U | V | t | u | v | 8 | | |
| 9 | W | X | Y | Z | w | x | y | z | 9 |
| 0 | 0 | | | | | | | | |
| * | * | | | | | | | | |
| # | # | | | | | | | | |

*Using the Basic Functions*

41

## Using the Belt Clip

To attach the belt clip, align the pins on the inside edge of the belt clip with the notches on the sides of the handset near the antenna. Press the handset and belt clip together to attach them.

## Using a Headset
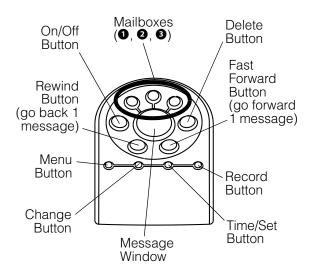
The handset has a headset jack for an optional accessory headset. The headset must be compatible with your handset. To use a headset, connect the plug on the headset cord to the jack on the handset.

When you use a headset, the microphone on the handset is muted to limit interference from background noise.

# *Answering Machine*

The answering machine stores up to 15 minutes of messages and/or memos, or up to 99 messages. You can listen to your messages from the base station, from the handset, or remotely from a touch-tone phone.

The answering machine provides voice prompts and confirmations, as you press buttons to set and operate features.

## *Answering Machine Controls*

# Turning On the Answering Machine

**Action**

Press **ON/OFF** ($\circledcirc$).

# Setting the Time on the Answering Machine

Setting the time on the answering machine does not change the handset time.

**Action**

1   Make sure the answering machine is on.

2   Press **TIME/SET**. The answering machine prompts, "To change clock, press TIME/SET."

3   Press **TIME/SET** again.

4   Press and release **CHANGE** until you hear the correct day, then press **TIME/SET**.

5   Repeat step 4 above to set the hour, minutes, and AM or PM. The phone announces the current clock setting.

**Tip:** When setting the minutes, press and hold **CHANGE** to advance the minutes in 10-second increments.

# Using the Mailboxes

The answering machine has 3 mailboxes. Callers using a touch-tone phone can select the mailbox in which to store their message by pressing 1, 2, or 3 on their touch-tone phone. When the caller does not select a mailbox, the answering machine stores the message in mailbox 1.

# Setting Up the Answering Machine

Press **MENU** to access all of the features of the answer machine.

### Recording the Outgoing Announcement

The outgoing announcement is the greeting that plays when you receive a call and you are unable to answer the phone. If you do not record a greeting, callers hear a prerecorded announcement.

**Note:** If you assign different mailboxes to different people, make sure your announcement tells callers to press 1, 2, or 3 on their touch-tone phone to leave their message in the correct mailbox. For example, press 1 to leave a message for Dave, press 2 to leave a message for Mary, press 3 to leave a message for John.

| Action |
| --- |
| **1** Make sure the answering machine is on. |
| **2** Press and release **MENU** until you hear "Change announcement." |

#### Action

3  Press **RECORD**. When you hear "Now recording," and a beep, speak clearly to record an announcement up to 90 seconds long.

4  Press 1 of the mailbox buttons (❶, ❷, or ❸) to stop recording. The phone plays back the announcement.

To delete your announcement, press **DELETE** during playback.

### Reviewing the Outgoing Announcement

#### Action

Press and release **MENU** until you hear "Change announcement," then press 1 of the mailbox buttons (❶, ❷, or ❸).

# *Setting up Other Features*

To set up other features, access the setup menu as described below and refer to the following section for a description of the features and settings.

| Action |
| --- |
| **1** Make sure the answering machine is on. |
| **2** Press and release **MENU** until you hear the feature you want to set. |
| **3** Press **CHANGE**. The phone announces the feature's settings. |
| **4** Press and release **CHANGE** to scroll through the feature's settings. |
| **5** Press **MENU** to go to the next feature, or press 1 of the mailbox buttons (❶, ❷, or ❸) to exit feature setup. |

## Feature Setup and Descriptions

The following table describes the features and the settings. An asterisk (*) indicates the default setting.

To exit at anytime, press 1 of the mailbox buttons (❶, ❷, or ❸).

| Feature | Description/Settings |
|---------|---------------------|
| Change announcement | Refer to page 45 to record or change the announcement. |
| Change remote access code | This is the 2-digit code used to access the answering machine remotely from a touch-tone phone. Select a number from 40 through 99. 50* |
| Change message alert | When set to On, the base station beeps every 10 seconds when you have a new message. Off* or On. |
| Change announce only | When set to On, callers hear a prerecorded message, but cannot leave a message. The prerecorded message is, "We are sorry, messages to this number cannot be accepted." Off* or On. |

| Feature | Description/Settings |
|---------|---------------------|
| Change call screening | When set to On, you can hear incoming messages as the caller leaves them. Off or On*. |
| Change number of rings | Set the number of times the phone rings before the answering machine answers. 2, 4*, 6, or Toll Saver. The Toll Saver setting answers incoming calls after 2 rings if you have new messages, and after 4 rings when you do not have new messages. |

# *Using the Answering Machine*

The message window displays the number of new messages in the selected mailbox. As you listen to your messages, the window displays the number of the message being played in that mailbox. At the end of the last new message, the phone announces, "End of messages." When available recording time is less than 5 minutes, the phone announces the remaining time.

## Listening to Messages

Before playing a message, the phone announces the day of the week and time it was received (when the clock is correctly set).

| Action |
| --- |
| Press ❶, ❷, or ❸ to play and stop messages. |
| Press ⒨ to skip forward. |
| Press ⒨ to skip backward. |

## Adjusting Playback Volume

| Action |
| --- |
| Press ⊖ or ⊕ on the base station to increase or decrease the playback volume while playing a message. |

### Deleting Messages

Messages are stored until you delete them. You cannot delete a message until you have played it. After you delete the message, you cannot retrieve it.

| Action |
| --- |
| Press **DELETE** to delete the message that is playing. |
| To delete all messages in a mailbox, press **DELETE**, then press the appropriate mailbox button. |

### Using Call Screening

Call screening is useful when you want to keep the phone line open for a call you are expecting. When someone starts to leave a message, you can decide to answer the call or allow the answering machine to answer the call.

| Action |
| --- |
| **1** Make sure the answering machine is on. |
| **2** Make sure the Call Screening feature is on (see page 49). |
| **3** Make sure the volume is set to at least level 2 so you can hear the caller's message. |
| **4** To answer the call, press **ON** on the handset. <br><br> **Note:** If you pick up an extension phone during the outgoing announcement and the announcement does not stop, press and release **ON** again. |

### Recording a Memo

You can record a memo up to 4 minutes long that is stored as an incoming message.

| | **Action** |
|---|---|
| **1** | Press **RECORD**. |
| **2** | Press 1 of the mailbox buttons (❶, ❷, or ❸). |
| **3** | After the beep, speak toward the microphone. The message window displays the length of the message. |
| **4** | To stop recording, press the mailbox button (❶, ❷, or ❸) you pressed to begin recording. |

### Using the Message Window

The message window keeps you informed of the system's status, such as the number of new calls, length of messages, and volume level. The following table lists and describes the message window indicators.

| Indicator | Description |
|---|---|
| 0 | There are no messages in any mailbox. |
| 1 to 98 | Indicates the total number of messages in all mailboxes, or the number of the message during playback. |
| 1 to 99 ↔ F | Memory is full, or the total number of messages is 99. |
| 1 to 99 (counting) | When the number increases, indicates the duration of the announcement or memo when you are recording it. Maximum length for the announcement is 90 seconds and for memos is 99 seconds. |
| 99 (flashing) | Length of memo recording is more than 99 seconds. |
| 1 to 8 (displays for 1 second) | Displays the volume level when you press ⊝ or ⊛. |
| 40 to 99 | Displays the current remote access code when setting it. |

| Indicator | Description |
| --- | --- |
| A | Answering machine is in Announce Only mode. |
| On or Off (displays for 1 second) | Displays when you change a setting from on or off. |
| CL ↔ normal display | Clock is not set. |
| − − | Phone is answering a call, is in remote operation, is in programming mode, or is initializing. |

# *Checking Messages Remotely from a Touch-Tone Phone*

For your convenience, cut out this page and take it with you while you are away from home.

| Action |
|--------|
| **1** Dial your telephone number. |
| **2** When the answering machine answers, enter your remote access code. The phone beeps once and announces the number of new messages. |
| **3** Press (#), then the number of the mailbox you want to check, for example (#) (2ABC) to check mailbox 2. |
| **4** To perform other operations, refer to the following remote commands. |

| | |
|---|---|
| Press (✱TONE) (5JKL) | to receive voice prompts. |
| Press (#) (4GHI) | to repeat the message playing. Each additional press goes back 1 message. |
| Press (#) (6MNO) | to skip the message. Each additional press goes forward 1 message. |
| Press (#) (5JKL) | to stop playing a message. |
| Press (#) (9WXYZ) | to delete the message. |

| **Action** | |
|---|---|
| Press (#) (7PQRS) | to listen to the announcement. |
| Press (*TONE) (7PQRS) | to record an announcement. Begin recording after the beep, then press (#) (5JKL) to stop recording. The new announcement plays back. |
| Press (*TONE) (8TUV), then a mailbox number | to record a memo to the selected mailbox. Begin recording after the beep, press (#) (5JKL) to stop recording. |
| Press (#) (0OPER) | to turn off the answering machine. The phone announces "Machine off." Press (#) (0OPER) again to turn it back on. |
| Hang up | to save messages. |

**Note:** If the answering machine is off when you call in, it answers after 10 rings and prompts you to enter your remote access code.

# *Setting Up Optional Charging Bases and Expansion Handsets*

You can add 5 expansion handsets to your system, for a total of 6 handsets. Expansion handsets do not need to be plugged into a phone line. Instead, install the battery pack, as described on page 15, then plug the power cord into a power outlet where you want to place the handset.

## *Registering an Expansion Handset*

**Note:** When a handset is not registered or is searching for the base station, SEARCHING FOR BASE displays.

You can register up to 5 expansion handsets to the base station, for a total of 6 handsets. If you try to register a 7th handset, Unable to Register displays.

The handset that came with your base station is already registered as Handset 1. You need to register only new handsets you add to your phone system.

**Note:** Install and charge the battery pack before you register a new handset.

| | Action |
| --- | --- |
| **1** | Ensure the base station is off. Press 🔊 if necessary. |
| **2** | Press MENU (⚌) on the base station. |
| **3** | Scroll (⚌) to DISPLAY BASE-ID, then press OK (⚌). The base station displays the 15-digit **base ID code**. |

| **Action** |
| --- |
| **4** Press NEW (⊝) on the handset. The ENTER BASE ID screen displays. |
| **5** Using the keys on the handset, enter the 15-digit **base ID code**, then press OK (⊝). If you make a mistake while entering the code, press the left soft key (◀) to clear it.<br><br>**Important:** The **base ID code** may contain numbers and characters such as #. Make sure to enter all 15 numbers and characters.<br><br>If ENTER BASE ID displays, 1 or more characters were entered incorrectly. Re-enter the **base ID code**.<br><br>Several screens display briefly, the handset sounds a confirmation beep, and then returns to the standby screen. |

## *Personalizing and Using Expansion Handsets*

To personalize (set ring tones, time) expansion handsets, refer to the instructions beginning on page 21 of this user's guide. To use expansion handsets, refer to the instructions beginning on page 28 of this user's guide.

# *Advanced Features*

To use some of the advanced features, you must register at least 2 (up to 6) handsets to the base station.

You do not need to connect expansion handsets to a phone line. You can place the handset and its charging base near a standard electrical outlet.

With multiple handsets, you can:

- Conference call
- Talk on the intercom between handsets and between handsets and the base station
- Transfer calls to a handset or the base station

To order expansion handsets, call:

**1-800-353-2729 USA**
**1-888-390-6456 TTY (Text Telephone)**
**On the Web:**

www.motorola.com/cordless

# *Using Conference Calling*

If 1 handset is on a call, the displays on other handsets, registered to the same base station, display LINE IN USE.

When a second handset joins the call, the other handset displays ☎ and 2 or more extension numbers. A maximum of 2 handsets and the base station can be on a conference call at the same time.

| Action |
| --- |
| To join a conference call from a handset, press **ON** or **SPEAKER PHONE**. |
| To join a conference call from the base station, press ◀»). |
| To disconnect from a conference call, press **OFF** on the handset, or press ◀»)) on the base station. |

## *Using the Intercom*

**Note:** When in intercom mode, the **INTERCOM** buttons on the base station and the handset light up and $\mathbf{L}\mathcal{N}$ displays. Where $\mathcal{N}$ is the number of the handset being used.

### From the Base Station to All Handsets

| | Action |
|---|---|
| **1** | Press **INTERCOM** on the base station. |
| **2** | Scroll ($\equiv$) to GLOBAL PAGE, then press OK ($\equiv$). GLOBAL CALL FROM BASE displays on each handset. |
| **3** | To end the intercom call, press **INTERCOM** on the base station. |

### From the Base Station to a Specific Handset

| | Action |
|---|---|
| **1** | Press **INTERCOM** on the base station. |
| **2** | Scroll ($\equiv$) to the handset you want to call (for example, HANDSET 2), then press OK ($\equiv$). INTERCOM FROM BASE displays on the handset. |
| **3** | To end the intercom call, press **INTERCOM** on the base station. |

### From a Handset to the Base Station

| Action |
|---|
| **1** Press **INTERCOM** on the handset. |
| **2** Scroll (⊜) to BASE, then press OK (⊜). |
| **3** To end the intercom call, press **INTERCOM** on the base station, or **OFF** on the handset. |

### From a Handset to a Handset

| Action |
|---|
| **1** Press **INTERCOM** on the handset. |
| **2** Scroll (⊜) to the handset you want to call, (for example, HANDSET 2), then press OK (⊜). |
| **3** To end the intercom call, press **OFF** on the handset. |

### From a Handset to All Handsets and the Base Station

| Action |
|---|
| **1** Press **INTERCOM** on the handset. |
| **2** Scroll (⊜) to GLOBAL PAGE, then press OK (⊜). |
| **3** To end the intercom call, press **OFF** on the handset. |

**Answering a Base Station to Handset Intercom Call**

| Action |
| --- |
| **1** Press **ON** to answer the call. |
| **2** To end the intercom call, press **OFF**. |

## Transferring Calls

**Unannounced Transfer from the Base Station or a Handset**

| Action |
| --- |
| **1** Press XFER (⬭). |
| **2** Scroll (⬭) to the desired destination (BASE or HANDSET N, where N is the handset number), then press OK (⬭). <br><br> You can answer the ringing handset or base station like any incoming call. |
| **3** To end the call, press **OFF** on the handset, or ◀)) on the base station. |

### Announced Transfer from the Base Station or a Handset

| | Action |
|---|---|
| **1** | Press HOLD (⊂⊃) to put the call on hold, then press MENU (⊂⊃). |
| **2** | Press **INTERCOM**. |
| **3** | Scroll (⊂⊃) to the desired destination (BASE or HANDSET $X$, where $X$ is the handset number), then press OK (⊂⊃). |
| **4** | When the base station or handset answers, announce there is an active call on hold waiting to be transferred. |
| **5** | Press **OFF** on the handset, or **INTERCOM** on the base station. |
| **6** | Press **ON** on the handset, or ◀» on the base station to pick up the call. |
| **7** | To end the call, press **OFF** on the handset, or ◀» on the base station. |

# *Motorola Limited Warranty for the United States and Canada*

## *What Does this Warranty Cover?*

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

**Products and Accessories**

| Products Covered | Length of Coverage |
| --- | --- |
| **Products and Accessories** as defined above, unless otherwise provided for below. | **One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below. |
| **Decorative Accessories and Cases.** Decorative covers, bezels, PhoneWrap™ covers and cases. | **Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product. |
| **Monaural Headsets.** Ear buds and boom headsets that transmit mono sound through a wired connection. | **Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product. |

| Products Covered | Length of Coverage |
|---|---|
| **Consumer Two-Way Radio Accessories** | **Ninety (90) days** from the date of purchase by the first consumer purchaser of the product. |
| **Products and Accessories that are Repaired or Replaced** | **The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer. |

## EXCLUSIONS

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

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

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

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

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

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

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

### *Software*

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

### *Exclusions*

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

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

### *Who is Covered?*

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

### *What will Motorola Do?*

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

To avoid losing such data, software and applications please create a back up prior to requesting service.

### *How to Obtain Warranty Service or Other Information*

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

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