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SD4590

2.4 GHz Digital
Numérique 2,4 GHz

Expandable Corded/ Cordless Telephone System with Base Speakerphone, Keypad, and Answering Machine

Système téléphonique extensible avec ou sans fil Base avec micro, haut-parleur, clavier et répondeur

User Guide
Guide de l'utilisateur

For a large-print version of this guide, or for product-related questions, visit us online at:

www.motorola.com/cordless

Or phone us at:

•**1-800-353-2729** U.S.A.

•**1-800-461-4575** Canada

•**1-888-390-6456** TTY (Text Telephone)

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Welcome

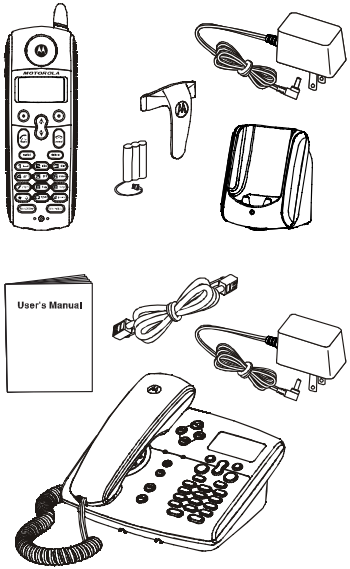
Congratulations on your purchase of a Motorola SD4590 series telephone. Take a moment to ensure that your purchase includes each of the items pictured.

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service and permits us to contact you should your Motorola product require an update or other service. Registration is not required for warranty coverage. To register your product online, visit:

https://broadbandregistration.motorola.com

Product registration is not available in Canada.

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.



Handset Overview

1 Volume Controls

2 LCD Display

3 Left and Right Soft Keys

4 Up and Down Scroll

5 Phone On/Flash

6 Redial list of the last 5 numbers dialed

7 Switch from upper to lower case letters

8 Turn on speakerphone

9 Microphone

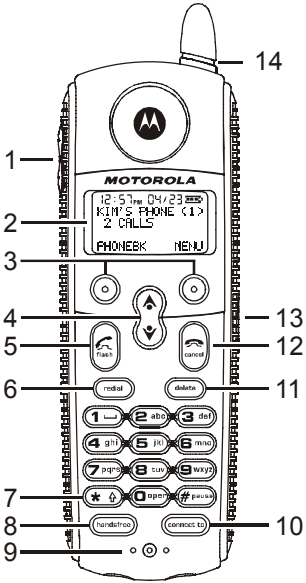
10 Connect to other registered devices

11 Removes Last Number Entered/Entries in Phonebook/Caller ID List

12 End Call/Cancel Function

13 Headset/Earphone Jack (2.5 mm)

14 Handset Antenna, Ringer and Voicemail Message Indicator



Base Unit Overview

1 Answering Machine Controls

- Play/stop message
- Skip backwards
- Skip forwards
- Delete message

2 Phone On/Flash

3 Left Softkey

4 Up and Down Scroll

5 Right Softkey

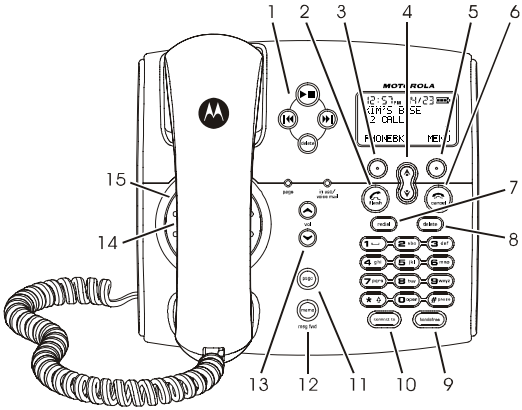
6 End Call/Cancel Function

7 Redial list of the last five numbers dialed

8 Removes Last Number Entered/Entries in Phonebook/Caller ID List

9 Connect to other registered devices

10 Turn on Speakerphone



11 Locate Handset(s)

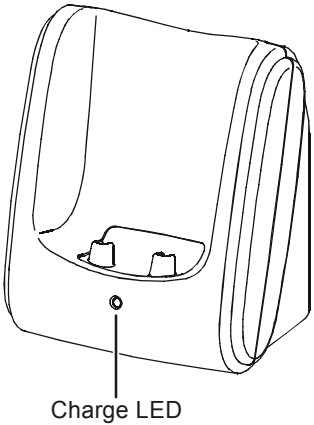
12 Record a Memo/Message Forwarding

13 Volume Up and Down

14 Speakerphone

15 Speaker LED

Handset Charger Overview



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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:

To reduce the risk of fire and shock:

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 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.

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 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.
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 isn't 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, refrigerator, or VCR.

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

Getting Started

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.

Installing the Handset and Base Unit Batteries

Handset

1 Remove stickers from battery door if present.

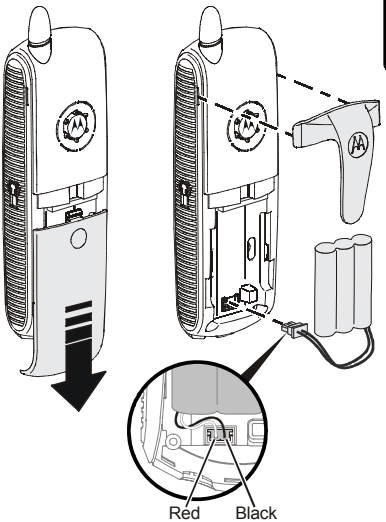
2 Press the indentation on the battery door, and slide downwards to remove.

3 Plug the battery connector into receptacle, and insert the battery into the compartment.

Note: The battery cable is correctly installed when the red wire is on the left hand side.

4 Replace the battery door.

5 Attach the Belt Clip (optional).



Base Unit

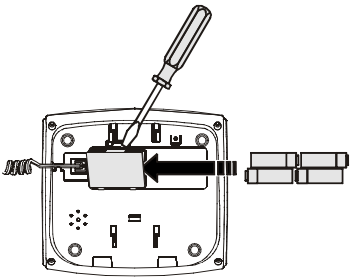
The base station uses 4 AAA alkaline batteries (not included) for optional backup power.

1 Press the cover latch with a screwdriver to lift and remove the battery cover.

2 Insert 4 AAA alkaline batteries into the battery compartment.

3 Insert the tabs of the cover into the slots on the base station and press down until the cover clicks into place.

Note: The corded handset will work during a power outage with or without the backup batteries.

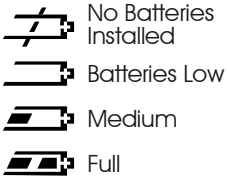


Battery Meter Icon

Use the battery meter icon to determine the battery strength of the backup batteries in the base unit and the handset's rechargeable battery pack.

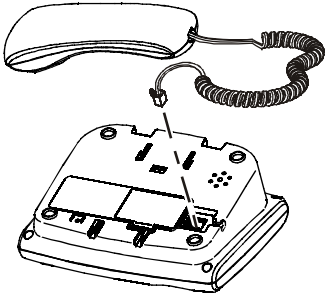
Note: It is time to charge the handset battery when you see a flashing "Batteries Low" icon and/or hear an intermittent beep.

The backup batteries in your base unit will discharge during a power outage. If you experience numerous power outages, or the power is out for more than one hour, you should replace the batteries to ensure they are fresh.



Installing the Corded Handset

Connect the coiled phone cord to the bottom of the base unit and the bottom of the corded handset.



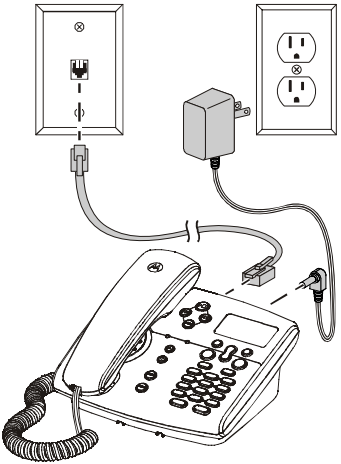
Base Unit and Charger Installation

Your SD4590 base unit can be placed on a flat surface or mounted to a wall.

Using the SD4590 on a Flat Surface

1 Place the base unit on a flat surface convenient to a phone jack and an electric outlet. (See “Connecting the Base Unit” on page 7 for location suggestions.)

2 Connect the phone cord into the back of the base unit and the phone jack.



Using the Wall Mount Bracket

1 Place the wall mount bracket on the base as illustrated.

2 Slide the bracket forward gently until it clicks into place.

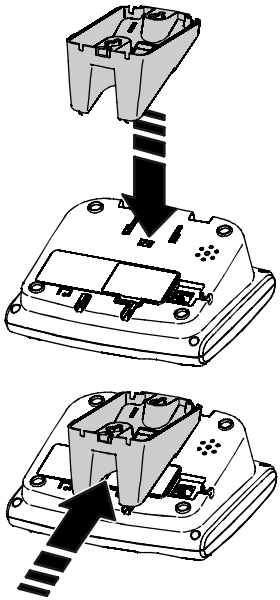
Follow the directions below if you decide to remove the wall mount.

Removing the Base Unit from the Wall Bracket

Push the base unit up until it is clear of the screws on the telephone jack.

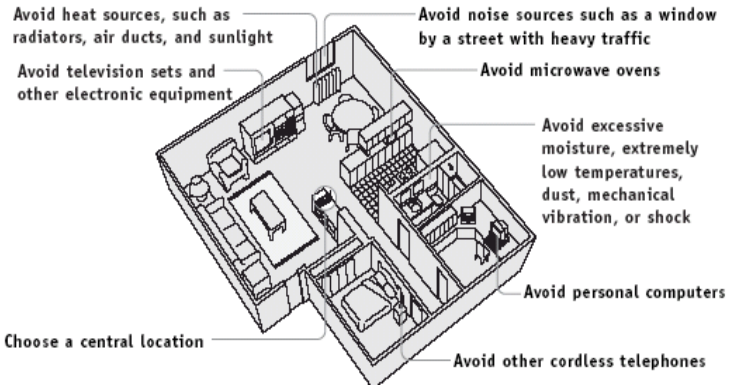
Removing the Wall Mount from the Base Unit

Push down on the wall mount to remove it from the phone.



Connecting the Base Unit

1 Select a location convenient to both an electrical outlet and a phone jack.

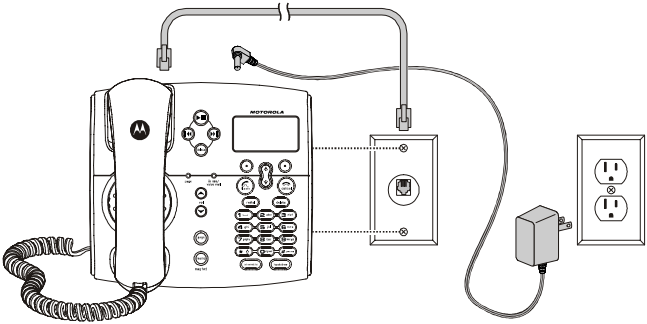


2 Insert the phone cord into back of base unit and into the wall phone jack.

3 Plug other end of phone cord into back of base unit.

4 Hang wall mount bracket on phone wall plate.

5 Plug power cord into power outlet.



Connecting the Expansion Handset Charger

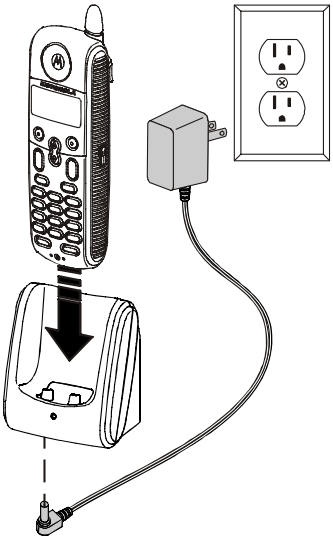
Your expansion handset does not require a phone line. Just charge the battery and register it to the base. To set up your Motorola Expansion Handset:

1 Insert the power cord into the bottom of the charging base.

2 Plug the power cord into an electrical outlet.

3 Place the handset in the charging base. The LED is solid red when the handset is charging.

Note: The initial battery charging time for your new handset is at least 12 hours.



Telephone Overview

Your SD4590 has a display on the handset and the Base Unit. When they are not in use, the display shows the Standby Screen.

Standby Screen Information

1 Date and time

2 Device Name

3 Talk Line Information

4 Answering device information

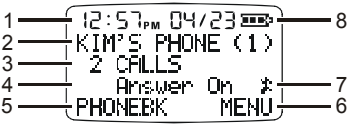
5 Left soft key options

6 Right soft key options

7 Mute call symbol

8 Battery strength meter

Note: Caller ID information is supplied only if you subscribe to the service with your telephone company. When the handset or base station speakerphone is on, 🔈 displays.



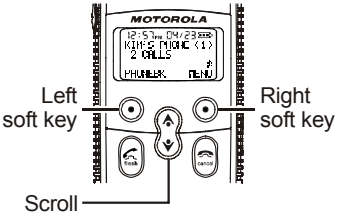
Using the Soft Keys

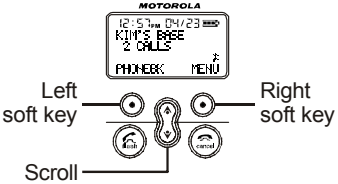
Use the left and right soft keys to select the functions listed directly above the keys on the display. The functions available change as you move from one screen to the next.

Using the Navigation Keys

Use the up and down scroll keys to navigate through menu items, settings, phonebook entries, Caller ID and redial lists.

The handset display uses an arrowhead to indicate the current selection. The up and down ⬍ arrowhead indicates additional options above and below the selected item. Press the up and down scroll keys navigate through lists.





Setting Up

Personalizing Your Handset

Personalize your base unit and handset by selecting unique ring tones, adjusting the ring volume for day or night time, and assigning a name to the handset.

Ringer Options

Follow the steps listed to set one ring tone for incoming calls and another ring tone for numbers stored in your phonebook. (You must have Caller ID service to use this feature.) The Ringer option has five submenus:

- **Day Volume**: ringer volume - factory default 6:00 AM to 9:00 PM (**Off, Low, Medium, High**)
- **Night Volume**: Ringer volume - factory default 9:00 PM to 6:00 AM (**Off, Low, Medium, High**)
- **Ringer Tone**: 15 musical ring tones
- **Phonebook Tone**: 15 musical ring tones
- **Key Beeps**: **On, Off, Link to Ringer***

*** Link To Ringer Feature**

When selected, your key beeps and ringer volume will correspond to your ringer settings. For example, if you select Night Volume/low, your key beeps and ringer volume are low between 9:00 PM and 6:00 AM.

Setting the Ring Tone and Ring Volume

1. Press **Menu**.
2. Scroll to **Ringer**.
3. Press **Select**.
4. Scroll through list of options (**Day Volume**, **Night Volume**, **Ringer Tone**, etc.).
5. Select desired option.
6. Press **Change**. Each tone/volume plays as you press **Change**.
7. Stop at desired tone/volume to set.
8. Press **Done**.
9. Press **Exit** to return to Standby Screen or press scroll keys to view different menu options.

RINGER SUBMENU OPTIONS

Day Volume: Ringer volume from 6:00 AM to 9:00 PM (off, low, medium, high)

Night Volume: Ringer volume from 9:00 PM to 6:00 AM (off, low, medium, high)

Ringer Tone: 24 ring tones

Phonebook Tone: 24 ring tones

Key Beeps: On, Off, Link to Ringer

Setting Key Beeps On or Off

1. Press **Menu**.
2. Scroll to **Ringer**.
3. Press **Select**.
4. Scroll to **Key beeps**.
5. Press **Change** to view options (**Off, On, Link to Ringer**). Stop at the desired option.
6. Press **Done** to save changes.
7. Press **Exit** to return to Standby Screen.

Naming a Handset or Base Station

When you register a handset, it is assigned a default name of **Handset(X)**. The X represents the list of devices registered to the base unit. (e.g., **Handset(1), Camera(2)**, etc.) The number assigned at registration remains part of the name (e.g., **Handset(1)**).

1. Press **Menu**.
2. Scroll to **Name handset**.
3. Press **SELECT**.
4. Enter new name using keypad (up to12 characters). The flashing underline shows cursor position.

Use **DELETE** to backspace and erase characters to left of the cursor.

The chart below shows how many times to press each button on the handset to enter letters and special characters (e.g., Press 7 three times to enter R). Use the up and down scroll keys to backspace to make corrections.

Note: To shift from upper to lower case letters, press *.

Button	Number of Presses				
	1	2	3	4	5
1	space	–	*	,	1
2	A	B	C	(	2
3	D	E	F	)	3
4	G	H	I	#	4
5	J	K	L	/	5
6	M	N	O	‘	6
7	P	Q	R	S	7
8	T	U	V	?	8
9	W	X	Y	Z	9

Setting Date and Time

If you subscribe to Caller ID service, the date and time set automatically with the first incoming call. Use the following steps to manually set the date and time.

1. Press **Menu**.
2. Scroll to **Date/Time**.
3. Press **Select**.
4. Enter the time. (2 digits are required; for both hour and minutes, use leading 0 for 1-digit values.)
5. Press **AM/PM** to set AM or PM mode. (only for 12-hour clock user).
6. Scroll to the next field.
7. Press **Change** to switch time format (12 or 24 hour clock).

8 Scroll to next field.

9 Press **Change** to select date format **(MM/DD, DD/MM)**.

10 Scroll to next field.

11 Enter the current date.

12 Press **Done**.

13 Press **Exit** to return to Standby Screen.

Setting the Language Option

1 Press **Menu**.

2 Scroll to **Language**.

3 Press **Select**.

4 Press **Change** until desired language is listed.

5 Press **Done**.

6 Press **Exit** to return to the Standby Screen.

Setting Touch Tone or Pulse Dialing

Your phone is set for touch tone dialing. Do not change the setting unless touch tone service is not available in your area.

1. Press **Menu**.
2. Scroll to **Tone/Pulse**.
3. Press **Select**.
4. Press **Change** to switch between Tone and Pulse.
5. Press **Done**.
6. Press **Exit** to return to the Standby Screen.

Using Your SD4590

Making a Call from the Handset or Base Unit

Press flash. When you hear the dial tone, dial the number.

OR

Enter the phone number, then press flash. The phone number appears on the display before it is dialed. Use the BACKSP to make corrections.

Note: During a call, a timer on the display records the length of the call.

Answering/Ending a Call

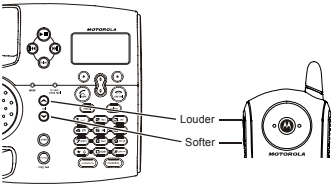
Press flash to answer an incoming call. Press **ON** or **HANDSFREE** to answer using the speakerphone.If you have call waiting service, press flash to answer the second call.

Press cancel to end the call.

Adjusting the Volume During a Call

Press the top button to make caller's voice louder, and the bottom button to make voice softer.

When you are not on a call, use the volume keys to change the day (6 am–9 pm) or night (9 pm–6 am) ringer volume.



Making a Call Using the Speakerphone

1 Press **HANDSFREE**.

2 Dial the number.

Note: For optimal speakerphone quality, when using the handset, make sure the belt clip is on. This raises the handset up so it is not lying flat (the speakerphone is on the back of the handset). Pressing Handsfree while in the Phonebook, Caller ID Redial lists, automatically turns on the speakerphone and dials the number. Placing your handset in the cradle while on the speakerphone will not end your call.

Switching Between the Handset and Speakerphone

Press **HANDSFREE** to toggle between handset and speakerphone.

Muting a Call

Press **MUTE**. To unmute the call, press **UNMUTE**.

Placing a Call on Hold

1 Press HOLD.
2 To return to the call, press **UNHOLD** or flash. When a call is on hold, the intercom features are available.

Redialing a Number

To redial the most recently dialed number:

1 Press flash.
2 Press **REDIAL**.

To redial one of the last 5 numbers you dialed:

1 Press **REDIAL**.
2 Scroll to desired number.
3 Press flash or Handsfree.

Finding a Lost or Misplaced Handset

Press **PAGE** on the base unit.

All handsets registered to the base unit beep.

Press ☎ CANCEL, **EXIT** or **OK** on a handset to stop paging that handset, or press **PAGE** on the base unit to stop paging all handsets.

Saving a Number in the Phonebook

Storing numbers in the phonebook makes it easy to dial numbers you call frequently. Enter numbers directly into the phonebook or add them from the Caller ID or redial list. Save the number in the private or shared phonebook.

Private Phonebooks

The private phonebook is unique to each handset and is not accessible by other handsets. Each private phonebook stores up to 50 names and numbers.

Shared Phonebooks

The shared phonebook is accessible by all handsets and stores up to 49 names and numbers. Each handset has its own phonebook. The phonebook can hold 50 names and numbers.

Adding a New Entry

1 Press **PHONEBK**.

2 Press select at **NEW ENTRY** option.

3 Enter the name up to 11 characters. Use **BACKSP** to erase characters to the left of the blinking cursor.

4 Scroll down. The **NUMBERS** option appears.

5 Enter the number up to 24 characters.

6 Press **DONE**.

7 Press **EXIT** once to enter a new entry, or press **EXIT** twice to return to the standby menu.

Adding Numbers to the Phonebook from Redial

1 Press **REDIAL**. The display list the last five phone numbers you dialed, with the most recent number at the top.

2 Scroll to the number you want to save.

3 Press **STORE.**

4 Select the **PRIVATE** or **SHARED** phonebook.

Enter the name up to 11 characters. Press **BACKSP** to erase characters to the left of the blinking cursor.

5 Scroll down. The phone number displays in the Number field.

6 Press **DONE**.

7 Press **EXIT** once to return to the redial list, or press **EXIT** twice to return to the standby menu.

To modify the number,

8 Press **Delete** to backspace and erase characters to left of blinking cursor.

9 Press **Done** when entry is correct to save.

Note: You can also store a number in the phonebook from the Caller ID list. All phonebook entries are stored in alphabetical order.

Dialing a Number from the Phonebook

1 Press **PHONEBK**.

2 Scroll to entry you want to call.

3 Press flash or Handsfree.

Editing a Phonebook Entry

1 Press PHONEBK.
2 Scroll to entry you want to edit.
3 Press Options.
4 Scroll to Edit.
5 Press Select. Use **Delete** to backspace and erase characters to the left of the blinking cursor.
6 Scroll down to move to phone number field.
7 Modify number.
8 Press Done.

Deleting a Phonebook Entry

1 Press PHONEBK.
2 Scroll to the entry you want to delete.
3 Press **Options**.
4 Scroll to **Delete**.
5 Press **Select**.

Inserting Pauses in a Number

At the position where you want to insert a pause, press and hold # until P appears. When you call a number with a pause, the phone waits 3 seconds before transmitting the next digits in the dialing sequence. This is useful, for example, when you have to dial 9 to get a dial tone or for going into a voicemail system.

Using Caller ID

Note: You must subscribe to caller ID service from your local telephone company to use the caller ID features of your phone.

If you subscribe to Caller ID service, the caller's name and/or number are displayed when you receive an incoming call. If no Caller ID information was sent from the phone company, or you do not subscribe to Caller ID service, the display shows Incoming Call.

Reviewing Caller ID Call List

The handset can hold up to 40 caller ID records.

1. Scroll to enter recent calls list. Most recent call listed first.
2. Scroll to review more calls.
3. Press flash to call selected number.

Using Automated Dialing

You can retrieve previously entered information from the phone book (such as a PIN or credit card number) during a phone call without have to re-enter additional numbers.

1. While on a call, scroll the entry that you want to recall.
2. Press **DIAL**.
3. Repeat steps 1 and 2 as many times as necessary to complete your transaction.

Note: This function is useful when using automated response systems. For example, you could access your bank account number by dialing the bank's phone number, entering your account number (using automated dialing), and PIN (using automated dialing). Then, you can enter your most frequently used prompt, for example, balance inquiry.

Using the Answering Machine

Your new answering machine stores up to 15 minutes of messages and/or memos. Listen to your messages from the base unit, the handset, or remotely. Use the base unit or handset to setup the answering machine.

All of the features of the answer machine are located in the **SETUP** DEVICE menu.

1 Press **MENU**.

2 Scroll to **SETUP DEVICE.**

3 Press **SELECT**.

Turning the Answering Machine On or Off

1 Go to the SETUP DEVICE menu.

2 Scroll to **ANSWER ON/OFF**.

3 Press **SELECT**.

4 Scroll to **ON** or **OFF**.

5 Press **DONE**. A voice prompt announces the change.

6 Press **EXIT** to return to the **SETUP DEVICE** menu. Press **EXIT** again to return to the standby screen.

Recording an Outgoing Message (OGM)

You can record a personal outgoing message greeting that plays when you receive a call and you do not answer the phone. If you do not record a personal greeting, a prerecorded greeting plays when you receive a call.

1 Go to the SETUP DEVICE menu..
2 Scroll to **OUTGOING MSG.**
3 Scroll to **RECORD OGM**.
4 Press **YES**.
5 Record your outgoing message.
6 Press **END** to stop recording. Your message plays back automatically.
7 Press **EXIT** to return to the **SETUP DEVICE** menu. Press **EXIT** again to return to the standby screen.

Changing the Outgoing Message

1. Go to the SETUP DEVICE menu.
2. Scroll to **OUTGOING MSG.**
3. Press **SELECT**.
4. Scroll to **CHANGE OGM**.
5. Press **SELECT**.
6. Select **DEFAULT OGM** or **RECORDED OGM**.
7. Press **SELECT**.
8. Press **EXIT** to return to the **OUTGOING MSG** menu. Press **EXIT** again to return to the standby screen.

Note: To listen to the current OGM, select PLAY OGM from the OUTGOING MSG menu.

Erasing the Outgoing Message

Note: You cannot erase the default message.

1. Go to the SETUP DEVICE menu.
2. Scroll to **OUTGOING MSG.**
3. Press **SELECT**.
4. Scroll to **ERASE OGM**
5. Press **SELECT**.
6. Press **YES** to **ERASE RECORDED OGM**.
7. Press **EXIT** to return to the **OUTGOING MSG** menu. Press **EXIT** again to return to the standby screen.

Setting the Number of Rings Before the Answering Machine Picks Up

1. Go to the **SETUP DEVICE** menu.
2. Scroll to **RING NUMBER**.
3. Press **SELECT**.
4. Scroll to select 3, 4, 5, 6 rings or **TOLL SAVER**.

5 Press **DONE**.

6 Press **EXIT** to return to the **SETUP DEVICE** menu. Press **EXIT** again to return to the standby screen.

Using Call Screening

1 Press **SCREEN** when display reads RECORDING INCOMING MESSAGE to listen to the caller without answering.

2 Press flash button to answer the call, or press cancel button to end call screening.

Setting the Security ID Number

Use your security ID number to remotely access your messages from any touch-tone phone.

1. Go to the SETUP DEVICE menu.
2. Scroll to **SECURITY ID.**
3. Press **SELECT**.
4. Enter desired three digit security code
5. Press **DONE**.
6. Press **EXIT** to return to the previous menu. Press **EXIT** again to return to the standby screen.

Checking Messages from the Base Station

Press ▶■ to play and stop messages

Press ⏭ to skip forward

Press ⏮ to skip backward

Press del to delete message

Checking Messages from the Handset

1 Press **MENU**.

2 Scroll to **MESSAGES**.

3 Press **SELECT**.

4 Scroll desired function:

2:Play/Stop

3:Skip

4:Answer On/Off

5:Memo

7:Repeat menu

0:Erase

Recording a Memo

Press **MEMO** on the base station to record a message that you can playback later.

Checking Messages Remotely from a Touch-Tone Phone

For your convenience, cut this page out and take it with you so you'll have it when you call your answering machine while you are away from home. Use the other side of this page to write down notes and phone numbers.

Call your base unit. When the machine answers, press * and enter your three digit security ID number.

Press 2 abc to play/stop messages
Press 3 def to skip forwards
Press 1 to skip backwards
Press 4 ghi to answer (turns the answering machine on/off)
Press 5 jkl to record a memo
Press 7 pqrs to repeat the memo
Press 0 oper to delete the message

Advanced Features

Many of the advance features require at least 2 handsets registered to the base unit.

You can expand your phone system by adding Motorola SD Series expansion accessories (up to a total of 8 devices). Expansion handsets do not require connection to a phone line. Place the handset and its charging base anywhere a standard electrical outlet is available.

With multiple handsets, you can:

- Conference call
- Talk handset to handset on the intercom
- Set up handsets to automatically answer intercom calls
- Transfer calls from one handset to another
- Monitor a room
- Use 2 handsets as walkie talkies

To order expansion handsets, call:

1-800-461-4575 in Canada

1-888-390-6456 TTY

On the Web:

www.motorola.com/cordless

Conference Calling

If one handset is already on a call, the display on other handsets registered to the same base unit shows **Line in use**.

Once a second handset is added to the call, the display on all handsets shows **On conference**.

To connect a second handset to a call:

1. Press flash or **DELETE** on the second handset.
2. To join a conference call, press flash from the base unit.
3. To disconnect from the conference call, press cancel on either or both handsets.

Intercom Setup

Set up a handset or base unit to automatically answer an intercom page after 1 or 3 rings. All handsets are set to **No Auto Answer** at the factory. Change the factory setting using the steps below.

1. Press **MENU**
2. Scroll to **Intercom Setup**.
3. Press **SELECT**.
4. Scroll to the desired answering option.
5. Press **SELECT**.
6. Press cancel to return to the standby screen, or to scroll to a different menu option.

OPTIONS

No Auto Answer – the handset does not automatically answer an intercom page.

After 1 Ring or After 3 Rings – the handset automatically answers and turns on the speakerphone after 1 or 3 rings.

Handset to Handset Intercom

1 Press **Connect to**.

2 Scroll to the desired handset.

3 Press **PAGE**.

4 Press **OK** answer the page. The first handset to respond is connected.

5 Press EXIT or cancel to stop the page. The handset reads **No Answer**. (If there is no answer, the page automatically ends after two minutes.)

6 Press cancel to end the page.

Note: The Connect to button automatically pages the base unit if there is only one handset registered.

Transferring a Call from One Handset to Another

Unannounced Transfer

1 Press **HOLD**.

2 Press **Handsfree**.

3 Scroll to the handset you want to transfer the call to and press **PAGE**.

4 Press cancel to hang up. The call is transferred to the other handset

Announced Transfer

1 Follow steps 1 through 3 above.

2 Press **OK** to answer the page. You can now speak with the person on the other handset.

3 Press **UNHOLD**. The call is transferred to the other handset and all three individuals are on the call.

4 Press cancel to hang up the second handset.

Using the Handset as a Walkie Talkie

The walkie talkie feature lets you talk handset to handset. This feature works even when the handsets are out of range of the base unit. You must complete steps 1 and 2 for both handsets to use walkie-talkie mode

1. Press **MENU**.
2. Scroll to **Walkie Talkie**.
3. Press **SELECT**.
4. Press **Handsfree** on one of the handsets.
5. Press the number on the handset keypad that corresponds to the handset you want to use the walkie talkie with. (For example, if the handset you want to talk to is named Kitchen(2), press 2 on the keypad.)
6. Press **OK** to answer the page.
7. Press cancel to end the walkie talkie session.

Note:

When a handset is in walkie talkie mode, you cannot make or receive phone calls.

Monitoring a Room

Room monitoring allows you to place a handset in a room and listen to the sounds in that room from another handset. (If you have a SD4504 Wireless Camera, you can also see the activities in the room you are monitoring.)

1. Place a handset in the room to be monitored. (This is the sending handset.)
2. Scroll to and select **Menu** on the sending handset. The display reads, **HANDSET(X) Ready to Monitor Room**.
3. Press **CONNECT TO** on the handset you want to listen from. (This is the receiving handset.)

   The display lists all the devices registered to the base unit.
4. Scroll to the listing for the sending handset.

Notes: If you answer an incoming call, the monitoring feature is turned off.

You can also use the base unit for monitoring by following the same instructions from the base unit.

5 Press the softkey **PAGE**. The receiving handsets beeps, and the display reads, **Monitoring HANDSET(X) Vol-X**.

6 Press **HANDSFREE** on the receiving handset to use the intercom to listen to activity.

7 To turn off monitoring, press cancel on either handset.

Room Monitoring with the SD4504 Wireless Camera (Optional)

Motorola's SD4504 Wireless Camera transmits sound and video to your color handset.

1 Place your camera in the room you wish to monitor.

2 Press **CONNECT TO** on your handset.

3 Scroll to and select the **Camera** entry from the list of registered devices

4 Press the softkey **View**.

You can now see and hear activity in the room.

openLCR™ Option

You can download additional ring tones and purchase services with openLCR.

1 Go to the openLCR website at www.openLCR.com.

2 Click on Ringtone.

3 Click on Search& Listen.

4 Select any song.

openLCR and the openLCR logo are the trademarks of openLCR.com Inc.

Registering a New Handset

You can register up to 8 devices (handsets, cameras, or Cell Dock) to a base unit.

To register your new handset:

5 Press the right soft key to select **menu**.

6 Scroll to **Register**.

7 Press **SELECT**.

8 Press and hold **PAGE** button on base unit until the base beeps.

Note: If you exceed the registration limit of 8 devices, the handset display reads **Unable to Register**.

9 Press and release PAGE again. “Please register handset” displays.

Deregistering a Handset

Caution: You will deregister all handsets from the base unit and render your cordless telephone system inoperable until at least one handset is reregistered to the base unit.

1. Delete or listen to all voice mail messages, if necessary, to clear the **IN USE/Voice Mail** indicator.
2. Press **OFF** on the base unit and all handsets.
3. Press and hold down **PAGE** on the base unit until the **IN USE** indicator begins to flash slowly, then release.
4. Press and hold down **PAGE** again until the **IN USE** indicator begins to flash quickly, then release **PAGE**.
5. Quickly and fully press and release **PAGE** again. “Please register handset” displays.
6. Press **OK** to begin the registration process, or press **EXIT**.

** NOTE **

All accessories use the same process to register and deregister to the base unit.

FCC 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 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.

Note:

- 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.
- 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:

- Promptly notify you of such temporary discontinuance
- Afford you the opportunity to correct the situation

- 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:

This device may not cause harmful interference.

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.

CAUTION / WARNING**:** 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.

Industry Canada (IC) Information

This equipment meets the applicable Industry Canada (IC) radio and terminal equipment technical specifications. This is confirmed by the certification/registration number found on the label on the bottom of the base unit. The abbreviation IC before the certification/registration number only signifies that registration was performed based on a Declaration of Conformity and that the Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment. The term “IC:” before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalency Number (REN) for this equipment is located on the FCC/IC label on the telephone base unit. The REN is useful in determining the maximum number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. The sum of the RENs of all devices connected to one line may not exceed 5.

Before installing this cordless phone, you should make sure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must be installed using an acceptable method of connection. In some cases, the telecommunications company’s inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). You should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

The plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the rules and requirements in Industry Canada’s CS-03. 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.

For your protection, ensure that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

You should not attempt to make such connections yourself. Contact the appropriate electrical inspection authority or an electrician, as appropriate.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.

Repairs

Repairs to this equipment should be made by an authorized Canadian maintenance facility designated by Motorola. Any repairs or alterations made by the consumer, or any malfunctions of this equipment, may give the telecommunications company cause to request that you disconnect the equipment, and may void the limited warranty.

Privacy

Privacy of communications may not be ensured when using this telephone. Other devices, including other cordless telephones, may interfere with the operation of this cordless phone or cause noise during operation. Units without code access may be accessed by other radio communications devices.

Hearing Aid Compatibility

This telephone system meets Industry Canada standards for hearing aid compatibility.

Interference Information

This device complies with Industry Canada's RSS-210. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference; and
(2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Industry Canada's ICES-003. 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 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.

Industry Canada publishes several publications to assist consumers with solving interference problems, which are available from its offices or from its web site (strategis.gc.ca).

Warranty

Motorola Limited Warranty

for Consumer Products, Accessories, and Software Purchased in the United States or Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its cordless telephones ("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 as defined above, unless otherwise provided for below. Length of coverage: 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. Length of coverage: limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
- **Products and Accessories that are Repaired or Replaced**. Length of coverage: The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

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

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) Acts of God or nature, or 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 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 to the first end-user purchaser, only.

What will Motorola Do?

Motorola, at its option, will at no charge repair, or replace 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 Get Warranty Service or Other Information

In the USA, call:	In Canada, call:
1-800-353-2729	1-800-461-4575
TTY 1-888-390-6456	TTY 1-888-390-6456

For accessories and software, please call the telephone number designated above for the product with which they are used. You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable), (e) your telephone number; and most importantly, your return mailing address on the outside of the returned unit.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, OR REPLACEMENT AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OF IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR

PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW. Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

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