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Introduction

Installing and Adjusting

Using Your New Phone

Troubleshooting

Specifications

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, these basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Use a dry cloth for cleaning without liquid or aerosol cleaners.
4. Do not use this product near water; for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The telephone may fall, causing serious damage to the unit.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect the product from overheating, these openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by persons walking on it.
9. Do not overload wall outlets and extension cords, as this can result in the risk of fire or electrical shock.
10. Never push objects of any kind into this product through cabinet slots, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
11. To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.

- D. If the product does not operate normally when following the operating instructions. (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 repair work by a qualified technician.)
 - E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinct change in performance.
13. Do not use the telephone to report a gas leak in the vicinity of the leak.

▼ *Additional Battery Safety Precautions*

Caution! To reduce the risk of fire or injury to persons by the battery, read and follow these instructions:

1. Use only the appropriate type and size battery pack specified in the reference guide.
2. Do not dispose of the battery pack in a fire. The cell may explode.
3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling the battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the reference guide provided for this product.
6. Observe proper polarity orientation between the battery pack and battery charger.

▼ *Cordless Telephone Privacy*

Note! Cordless telephones are radio devices. Communications between the handset and base of your cordless telephone are accomplished by means of radio waves which are broadcast over the open airways. Because of the inherent physical properties of radio waves, your communications can be received by radio receiving devices other than your own cordless telephone unit. Consequently, any communications using your cordless telephone may not be private.



INTRODUCTION

TO YOUR NEW PHONE

WELCOME

Congratulations on your purchase of the Memorex MPH 6988 cordless telephone. This phone is designed for reliability, long life, and outstanding performance.

FEATURES

- 900 MHz Technology
- 3-line Backlit Display
- Face Up/Face Down Charging
- 32 Digit Redial
- Page
- Handset Earpiece and Ringer Volume Control
- Call Waiting Caller ID
- 30 Number Caller ID Memory
- 10 Memory Dial Locations
- Pulse/Tone Dialing
- 7 Hour Talk Time
- Hearing Aid Compatible

The MPH 6988 features include *AutoTalk™* and *AutoStandby™*. AutoTalk allows you to answer a call by just removing the handset from the base so you don't have to waste time pushing buttons or flipping switches. AutoStandby allows you to hang up by simply returning the handset to the base.

The *UltraClear Plus* true compander circuitry virtually eliminates background noise. This innovative technology provides you with the best possible reception during all your conversations.

To protect you against misbilled calls which might result from your phone being activated by other equipment, the MPH 6988 has *Random Code™* digital security which automatically selects one of over 65,000 digital security codes for the handset and base. Also, the *AutoSecure™* feature electronically locks your phone when the handset is in the base.

To get the most from your phone, please read this reference guide thoroughly. Also, be sure to complete the product registration form and mail it in.

AutoTalk, AutoStandby, Random Code, and AutoSecure are proprietary trademarks of Uniden America Corporation.

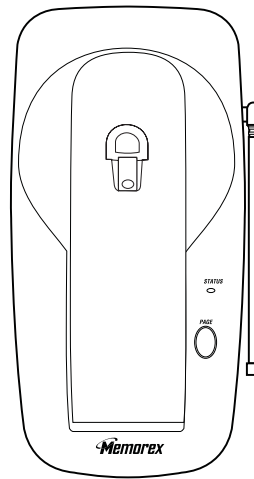
TIP

To get the most from your phone, please read this reference guide thoroughly.

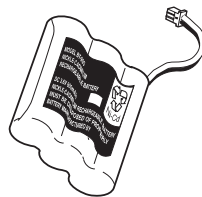
INCLUDED IN YOUR PACKAGE



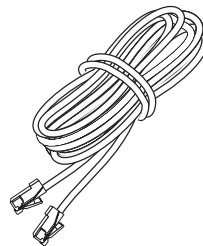
Handset



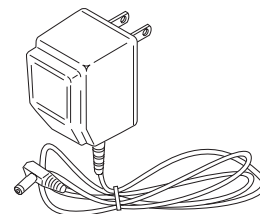
Base



Rechargeable Battery



Telephone Cord



AC Adapter



Please do not attempt
to unplug any
appliance during an
electrical storm.

IMPORTANT ELECTRICAL CONSIDERATIONS

Unplug all electrical appliances when you know an electrical storm is approaching. Lightning can pass through your household wiring and damage any device connected to it. This phone is no exception.

The FCC Wants You To Know

Changes or modifications to this product not expressly approved by the manufacturer, or operation of this product in any way other than as detailed by the reference guide, could void your authority to operate this product. The equipment cannot be used on public coin phone 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.)

Range

Your new phone is designed to achieve the maximum possible range by transmitting and receiving according to the highest specifications set forth by the FCC. We have rated this phone to operate at a maximum distance with the qualification that the range depends upon the environment in which the telephone is used. Many factors limit range, and it would be impossible to include all the variables in our rating. The Maximum Range rating of this phone is meant to be used as a means of comparison against other range claims.

Telephone Line Problems

The FCC has granted the telephone company the right to disconnect service in the event that your phone causes problems on the telephone line. Also, the telephone company may make changes in facilities and services which may affect the operation of your unit. However, your telephone company must give adequate notice in writing prior to such actions to allow you time for making necessary arrangements to continue uninterrupted service.

If you are having trouble with your telephone service, you must first disconnect your phone to determine if it is the cause of your problem. If you determine that it is the cause, you must leave it disconnected until the trouble has been corrected.

Radio Interference

Radio interference may occasionally cause buzzing and humming in your cordless handset, or clicking noises in the base. This interference is caused by an external source such as a TV, refrigerator, vacuum cleaner, fluorescent lighting, or electrical storm. Your unit is NOT DEFECTIVE. If these noises continue and are too distracting, please check around your home to see what appliances may be causing the problem. In addition, we recommend that the base not be plugged into a circuit that also powers a major appliance because of the potential for interference. Be certain the antenna is kept in the vertical position.

In the unlikely event that you consistently hear other voices or distracting transmissions on your phone, you may be receiving radio signals from another cordless telephone or other source of interference. If you cannot eliminate this type of interference, you need to change to a different channel.

Finally, it should be noted that some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

More Than One Cordless Telephone

If you want to use more than one cordless telephone in your home, they must operate on different channels. Press the channel key to select a channel that provides the clearest communication.

INSTALLATION CONSIDERATIONS

Selecting a Location

Before choosing a location for your new phone, there are some important guidelines you should consider:

- The location should be close to both a phone jack and continuous power outlet. (*A continuous power outlet is an AC outlet which does not have a switch to interrupt its power.*)
- Keep the base and handset away from sources of electrical noise such as motors or fluorescent lighting.
- Be sure there is sufficient space to fully extend the base antenna.
- The base can be placed on a desk or tabletop or mounted on a standard AT&T or GTE wall plate.
- You should charge your new phone for 15-20 hours before completing the installation or using the handset.



Telephone Line Outlets

There are two types of phone outlets:

▼ *Modular Jack*

Most phone equipment available now uses modular jacks. Phone cords are fitted with a molded plastic connector which plugs into this type of jack. If you do not have modular phone jacks, contact your local telephone company for information about their installation.

▼ *Hardwired Jack*

Some equipment is wired directly to a phone jack, and these types of installations require a modular jack converter. This type of installation is not difficult; however, you should contact your local telephone dealer or a telephone supply store for advice about the proper adapter or converter for your particular situation.



Place the power cord so that it does not create a trip hazard or where it could become chafed and create an electrical hazard or fire.



Before using your phone, fully charge the Nickel-Cadmium battery pack for 15-20 hours.

Connecting the Telephone Cords

Consider these safety guidelines before connecting the telephone cords:

Caution!

- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected.
- Use caution when installing or modifying telephone lines.

Applying Power to the Base

This phone requires an AC outlet, without a switch to interrupt power, and the included AC adapter. To relieve strain on the DC plug when the phone is placed on a desk or table, wrap the power cord around the strain relief notch on the bottom of the base.

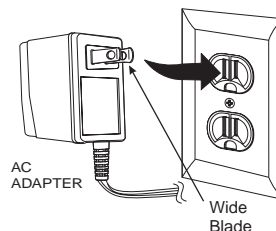
ADAPTER SAFETY FEATURES

If the AC adapter furnished with this phone has a polarized line plug (a plug having one blade wider than the other), this plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug.

Do not alter the shape of the blades of the polarized plug!

NOTE: If you cannot plug the AC adapter into the outlet, contact someone about replacing the outlet.

Plug the AC Adapter into a standard 120 VAC wall outlet. Do not use an outlet controlled by a wall switch. Use only the AC Adapter supplied with this phone.





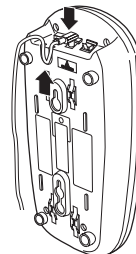
When choosing a location for your phone, keep the base unit and the handset away from electrical noise caused by objects like motors and fluorescent lighting.



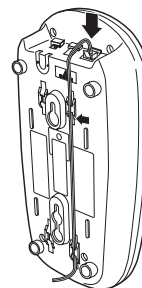
Before you plug the other end of the telephone cord into the modular jack on the wall, charge the battery (refer to "Charging the Battery Pack," page 18).

DESK/TABLETOP INSTALLATION

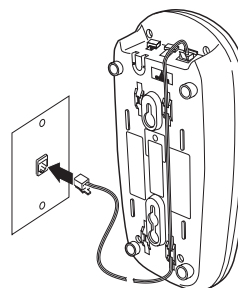
- 1) Plug the AC adapter cord into the DC input jack on the back of the base, then place the AC adapter cord inside the molded strain relief.



- 2) Plug one end of the long telephone cord into the **TEL LINE** jack on the base, then place the telephone cord into the right molded channel cord holder.



- 3) Plug the other end of the long telephone cord into the telephone wall jack. (*Remember, the phone must be fully charged before you can use it.*)



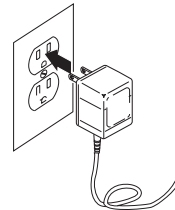


Place the power cord so that it does not create a trip hazard or where it could become chafed and create an electrical hazard or fire.



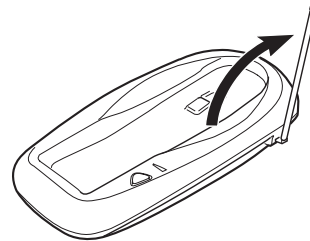
Before using your phone, fully charge the Nickel-Cadmium battery pack for 15-20 hours.

- 4) Plug the AC adapter into a standard 120 VAC wall outlet.



Use only the AC adapter supplied with this phone and DO NOT use an outlet controlled by a wall switch.

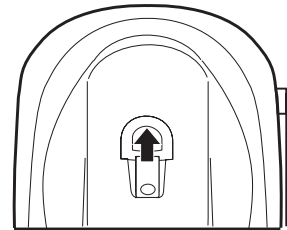
- 5) Raise the antenna to a vertical position.



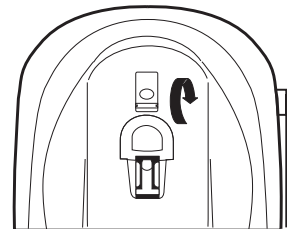
WALL INSTALLATION

▼ Setting the Handset Retainer for Wall Mounting

- 1) Remove the handset retainer on the base by sliding it upward.



- 2) Flip the handset retainer over so the tab is facing up.



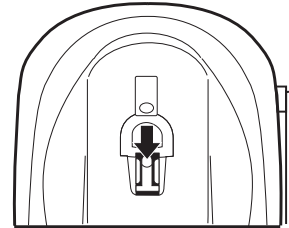


DO NOT use an outlet controlled by a wall switch.



Before you plug the other end of the telephone cord into the modular jack on the wall, charge the battery (refer to "Charging the Battery Pack," page 18).

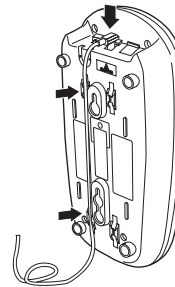
- 3) Slide the handset retainer back onto the base.



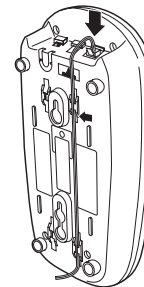
▼ *Standard Wall Plate Mounting*

This phone can be mounted on any standard AT&T or GTE wall plate.

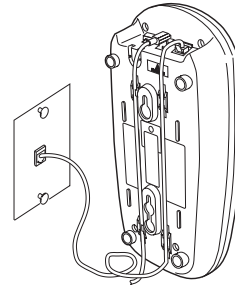
- 1) Plug the AC adapter into the DC input jack on the back of the base, then place the AC adapter cord inside the left molded channel cord holder.



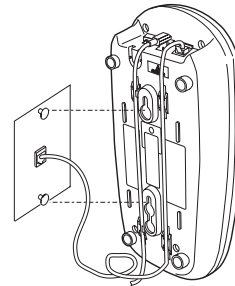
- 2) Plug a short telephone cord into the **TEL LINE** jack on the base, then place the telephone cord inside the right molded channel cord holder.



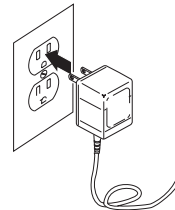
- 3) Plug the other end of the cord into the wall jack. *(Remember, the phone must be fully charged before you can use it.)*



- 4) Place the base on the two posts of the wall plate and slide it downward to secure.



- 5) Plug the AC adapter into a standard 120 VAC wall outlet that is not controlled by a wall switch.



- 6) Raise the antenna on the base.

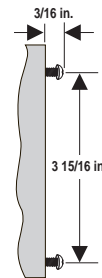


▼ *Direct Wall Mounting*

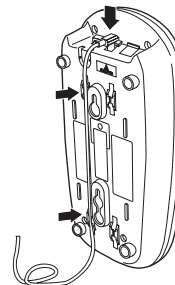
If you don't have a standard wall plate, you can mount your phone directly to the wall. Before mounting your cordless telephone, consider the following:

- Select a location away from electrical cables, pipes, or other items behind the mounting location. Inserting screws into areas such as this can be hazardous.
- Try to mount your phone within 10 - 15 feet of a working phone jack in order to avoid excessive cord length. Remember, you are not mounting your phone to a wall plate with a built-in phone jack.
- If the selected mounting area has no wooden support beams directly behind it, you will need the appropriate anchoring devices in order for the wall to properly support your phone.

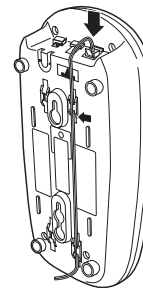
- 1) Insert two mounting screws into the wall, with their appropriate anchoring device if necessary, 3-15/16 inches apart. Allow about 3/16 of an inch between the wall and screw heads for mounting the phone.



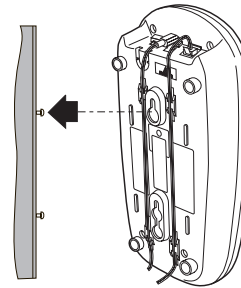
- 2) Set the handset retainer. (*Refer to "Setting the Handset Retainer for Wall Mounting" on page 11.*)
- 3) Plug the AC adapter into the DC input jack on the back of the base and place the cord inside the left molded channel cord holder.



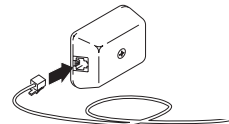
- 4) Plug one end of the long telephone cord into the **TEL LINE** jack on the back of the base and place the telephone cord into the right molded channel cord holder.



- 5) Place the base on the screws and push it downward to secure.

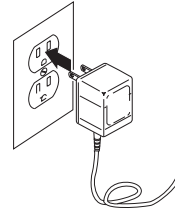


- 6) Plug the other end of the telephone cord into the wall jack.





- 7) Plug the AC adapter into a standard 120 VAC wall outlet that is not controlled by a wall switch.

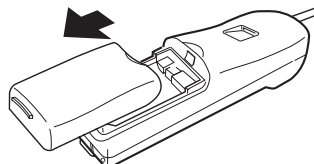


- 8) Raise the antenna on the base.

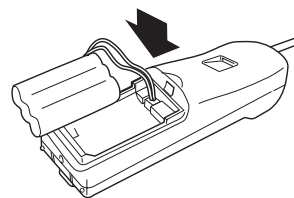


INSTALLING THE HANDSET BATTERY PACK

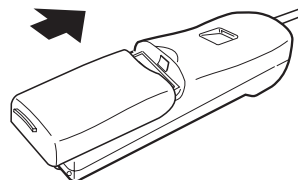
- 1) Remove the handset battery cover by pressing in on the cover release and sliding it downward.



- 2) Plug the battery's cable into the handset.



- 3) Slide the battery cover on until it snaps into place.



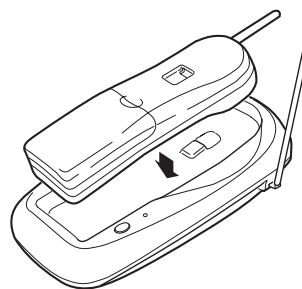
Use only the battery (BT-905)
supplied with your phone.

CHARGING THE BATTERY PACK

▼ Initial battery charging

Before plugging the phone line into your new phone for the first time, fully charge the rechargeable battery pack for 15-20 hours *without interruption*.

- 1) Place the handset on the base.
- 2) Make sure that **STATUS** LED lights. If the LED doesn't light, check to see that the AC adapter is plugged in and that the handset makes good contact with the base charging contacts.



NOTE

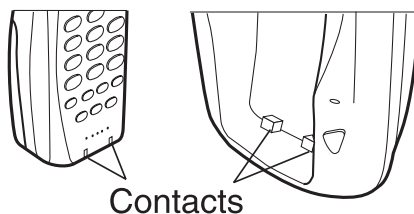
Rechargeable batteries have a "memory effect" that can reduce standby and talk time. To avoid this memory effect, on a monthly basis use the phone until the low battery indicator appears. Then charge the battery for 15-20 hours.

▼ Low battery indicator

When the battery pack is very low and needs to be charged, the phone is programmed to eliminate functions in order to save power. The handset beeps. Complete your conversation as quickly as possible and return the handset to the base for charging.

CLEANING THE BATTERY CONTACTS

To maintain a good charge, clean all charging contacts on the handset and base about once a month with a pencil eraser or other contact cleaner. DO NOT use liquids or solvents; you may damage your phone.

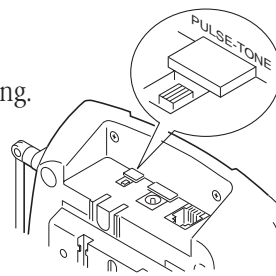


TIP

Most phone systems use tone dialing. Check with your local phone company if you're not sure whether your system is tone or pulse.

SETTING THE PULSE/TONE SWITCH

Be sure the **PULSE/TONE** switch is in the **TONE** position unless your local phone system uses pulse dialing.



ADJUSTING THE RINGER AND VOLUME CONTROLS

▼ Handset Ringer Tone and Volume

Your MPH 6988 lets you choose from two ringer tones, Type A and Type B. Each tone has a low and high volume setting. When the phone is in standby mode, press the ▲ or ▼ key on the handset to select the handset ringer tone and volume. As you change the settings, the selection appears on the LCD.

Ring Type B
High

▼ Handset Earpiece Volume

The MPH 6988 comes with four volume settings for the handset earpiece - normal, medium, high and loud. The Loud setting is especially useful in places with a lot of background noise, or for the hearing impaired.

Normal, Medium, High

During a call, press ▲ to increase the earpiece volume, press ▼ to decrease the earpiece volume. As you increase or decrease the volume, your selection appears on the LCD.

<High>

When you hang up, the MPH 6988 keeps the last volume setting selected.

NOTE

You can only adjust the volume settings during a call.



Loud

During a call, press and hold ▲ for two seconds. Your selection appears on the LCD.

<Loud>

The MPH 6988 **does not** keep the Loud volume setting when you hang up, but returns to the normal setting to avoid any hearing discomfort for the next person using the phone.


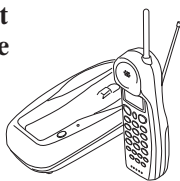
AUTOMATIC DIGITAL CODE SECURITY

To prevent other parties from making unauthorized calls on your phone line, a digital code was added to the MPH 6988. Your phone's handset and base share this code, which is randomly set each time you place the handset in the charging cradle.

To reestablish communication between the handset and the base in the event of a power failure:

- 1) Restore power to the base.
- 2) Place the handset on the base and press **PAGE**.
- 3) Pick up the handset from the base.
- 4) Return the handset to the base. The **STATUS** LED blinks to indicate that the digital security code is reset.

MAKING AND RECEIVING CALLS

	Handset On Base 	Handset Off Base 
To answer a call	Pick up the handset (AutoTalk) or press TALK .	Press any button (Autotalk) or press TALK .
To make a call	1) Pick up the handset. 2) Press TALK . 3) Listen for the dial tone. 4) Dial the number. OR 1) Pick up the handset. 2) Dial the number. 3) Press TALK .	1) Press TALK . 2) Listen for the dial tone. 3) Dial the number. OR 1) Dial the number. 2) Press TALK .
To hang up	Press TALK , or return the handset to the base (AutoStandby).	
To redial	1) Pick up the handset. 2) Press TALK . 3) Listen for the dial tone. 4) Press REDIAL . OR 1) Pick up the handset. 2) Press REDIAL . 3) Press TALK .	1) Press TALK . 2) Listen for the dial tone. 3) Press REDIAL . OR 1) Press REDIAL . 2) Press TALK .

YOUR NEW PHONE

USING

NOTE

Whenever you are using a menu screen, you must press a key within 20 seconds or the phone will return to standby. You may also press **MEM** to exit a memory menu at any time.

HINT

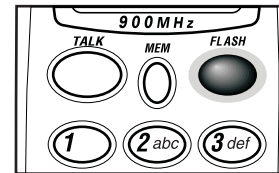
The character menu consists of letters, symbols, and numbers.

NOTE

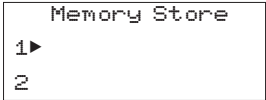
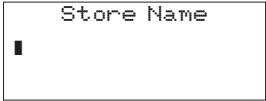
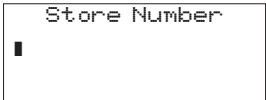
The pause button counts as one digit. Pressing **PAUSE** more than once increases the length of pause between numbers.

FLASH AND CALL WAITING

If you have “call waiting” service and a call waiting tone sounds while you are on a call, press **FLASH** to accept the waiting call. There is a short pause, then you will hear the new caller. To return to the original caller, press **FLASH** again.



STORING A PHONE NUMBER IN MEMORY

- 1) Remove the handset from the base.
- 2) Press and hold **MEM** for two seconds. The following screen appears.The "Memory Store" screen shows a list with "1" followed by a right arrow and "2".
- 3) Use the ▲ and ▼ keys or number keypad to choose the memory location where you would like to enter a number.
- 4) Press **SELECT**. The following screen appears, and a cursor flashes indicating that the display is ready for the name to be entered.The "Store Name" screen shows a cursor (a small vertical bar) at the beginning of a line.
- 5) Use the ▲ and ▼ keys to scroll through the character menu. Use the ◀ and ▶ keys to move the cursor to the desired location, and enter the name.
- 6) If you make a mistake, press **DELETE** to erase the character you just entered. Or press and hold **DELETE** to erase the entire line.
- 7) Press **SELECT**. The following screen appears, and a cursor flashes indicating that the display is ready for the number.The "Store Number" screen shows a cursor (a small vertical bar) at the beginning of a line.
- 8) Enter the phone number with the handset keypad.

NOTE

*When entering numbers, press **PAUSE** to enter a pause in the dialing sequence. The display shows a P. The pause feature is useful for long distance calling, credit card dialing, or sequences requiring a pause between digits.*

NOTE

Whenever you are using a menu screen, you must press a key within 20 seconds or the phone will return to standby. You may also press **MEM** to exit a memory menu at any time.

NOTE

If you select **Go Back** at any time, no changes are made and the handset shows the Memory Store screen.

- 9) Press **SELECT**. The handset beeps and displays a confirmation screen. For example, if you store a name and number into memory location number one, the display shows **Memory 1 Stored**.

Memory 1 Stored

- 10) Press **MEM** or return the handset to the charging cradle to exit store mode. Or, wait 20 seconds for the phone to return to standby.

EDITING A PHONE NUMBER IN MEMORY

Follow these steps to edit a phone number that you have already programmed into memory.

- 1) Remove the handset from the base.
- 2) Press and hold **MEM** for two seconds. The display shows the Memory Store screen and any saved numbers.

Memory Store
1► KAYSIE SCHLITZ
2 MEMOREX
- 3) Use the ▲ and ▼ keys or number keypad to select the memory location you would like to edit. The ◀ and ▶ keys toggle between the names display and the numbers display.
- 4) Press **SELECT**. The following screen appears with the memory location number that you have selected in the display.

► Edit Memory 1
Delete Memory 1
Go Back

NOTE

*You may move the ► cursor down to Go Back and press **SELECT** if you would like to exit this menu.*

- 5) With ► cursor next to **Edit Memory**, press **SELECT**. The following screen appears, and a cursor flashes indicating that the display is ready for the name to be edited.

Store Name
KAYSIE SCHLITZ

- 6) Use the ▲ and ▼ keys to scroll through the character menu. Use the ◀ and ▶ keys to move the cursor to the desired location, and enter the name.

- 7) Press **SELECT**. The following screen appears, and a cursor flashes indicating that the display is ready for the number to be edited.

Store Number
3055551212

- 8) Enter the phone number with the number keypad.

- 9) Press **SELECT**. The handset beeps and displays a confirmation screen. For example, if you store a name and number into memory location number one, then the handset shows **Memory 1 Stored**.

Memory 1 Stored

- 10) The display then returns to the Memory Store screen. You may select another number to edit (return to step 3) or you may press **MEM** to return to standby.

ERASING A NUMBER FROM MEMORY

Use these steps to erase a programmed number from memory. Once a number is erased, that memory location may be programmed with a new number.

- 1) Remove the handset from the base.

- 2) Press and hold **MEM** for two seconds. The handset shows the Memory Store screen with any saved numbers displayed.

Memory Store
1► KAYSIE SCHLITZ
2 MEMOREX

- 3) Use the ▲ and ▼ keys or number keypad to select the memory location you would like to delete. The ◀ and ▶ keys toggle between the names display and the numbers display.

- 4) Press **SELECT**. The following screen appears with the memory location number that you have selected in the display.

► Edit Memory 1
Delete Memory 1
Go Back

- 5) Use the ▼ key to move the ► cursor down to the **Delete Memory** command.

Edit Memory 1
► Delete Memory 1
Go Back

HINT

Use the ◀ and ▶ keys to toggle between the names and the numbers displayed in memory.

NOTE

If you select **Go Back** at any time, no changes are made and the handset shows the Memory Store screen.

NOTE

If you select **No**, no changes are made and the handset shows the Memory Store screen.

NOTE

Whenever you are using a menu screen, you must press a key within 20 seconds or the phone will return to standby. You may also press **MEM** to exit a memory menu at any time.

- 6) Press **SELECT**. The following confirmation screen appears.

```
Delete Memory?
Yes
▶ No
```

- 7) Use the ▲ key to move the ▶ cursor to the **Yes** command.

- 8) Press **SELECT**. There is a confirmation tone, and the handset displays **Memory 1 Deleted**.

```
Memory 1 Deleted
```

- 9) The display then returns to the Memory Store screen. You may select another number to delete (return to step 3) or you may press **MEM** to return to standby.

USING MEMORY DIALING

Follow the steps below to dial a number using a programmed memory location.

- 1) Press **MEM**. The handset displays your programmed memory locations.

```
1▶ KAYSIE SCHLITZ
2 Memorex
3 Grandma
```

- 2) Use the ▲ and ▼ keys or the number keypad to select the memory location you would like to dial.

```
1 KAYSIE SCHLITZ
2▶ Memorex
3 Grandma
```

- 3) Press **TALK** and the number dials.

NOTE

*If you already know the memory location of the number you wish to dial, press **TALK** then **MEM** and the memory location. The phone will automatically dial the number.*

CHAIN DIALING

On certain occasions after dialing a number, you may be requested to enter an access code, such as your account number. You can enter this number into a memory location for later use by doing the following.

- 1) Store the access code into one of the memory locations (0-9). See "Storing A Phone Number in Memory" (page 22).
- 2) Dial the party or service main number.
- 3) When you need to enter the special number, press **MEM** followed by the memory location (0-9).

USING CALLER ID

You must subscribe to Caller ID from your phone company in order to use this feature.

▼ *Setting Up Caller ID Options*

There are three Caller ID setup options available; Autotalk, CIDCW, and Area Code.

AutoTalk allows you to answer the phone without pressing the **TALK** button. If the phone rings when Autotalk is on, simply remove the handset from the cradle and the phone automatically answers the call. If the phone rings when Autotalk is off, you must press **TALK** to answer the call. This option is useful to help you screen your calls more effectively.

CIDCW (Caller ID on Call Waiting) performs the same as regular Caller ID on a call waiting number. **You must subscribe to CIDCW from your phone company in order to use this feature.**

If you enter your 3-digit area code number in the Area Code option, your local area code does not appear in Caller ID messages. When reviewing Caller ID messages, you will see only the local seven digit number. For calls received from outside your local area code, you will see a full 10-digit number.

NOTE

You must subscribe to CIDCW from your phone company in order to use this feature.

NOTE

If your calling area requires 10-digit dialing, do not program this option.

HINT

You may use the ◀ and ▶ keys to toggle between numbers when programming the area code.

NOTE

If you have no New Caller ID Messages, then the "New" display is blank. Only the "Total" display appears.

NOTE

Once a Caller ID message has been viewed, it is no longer considered a new message.

To change your Caller ID options:

- 1) Press and hold **CALLER ID** for two seconds. The following screen appears.

```
1▶Auto Talk:Off
2 CIDCW      :On
3 Area Code:
```

- 2) Use the ▲ and ▼ keys to move the cursor to the selection that you would like to change. Press the **SELECT** key to toggle between On and Off for Autotalk and CIDCW. Press **SELECT** and use the number keypad to enter or change the area code, then press **SELECT** again. (You hear a confirmation tone indicating the area code has been changed.)
- 3) After you have made your selections, press **CALLER ID** and return the handset to the base. The **STATUS** LED flashes, indicating that your setup changes are now effective.

▼ Screening Your Calls

Caller ID allows you to review caller information before you answer your phone. When the phone rings, the display shows the date, time, name, and phone number of the caller. If your Caller ID service is number only, then the name does not appear on the second line.

```
12/21 12:30PM
Schlitz Kaysie
305-555-1212
```

If a name or number is not available, the display will show a message such as **Incomplete Data**, **Private Number**, **Private Name**, etc.

▼ Using CIDCW (Caller ID on Call Waiting)

- 1) During a call when you hear the Caller ID tone, check the handset for the name and number of the incoming caller.
- 2) Press **FLASH** to accept the incoming call. See page 22 for additional information.

NOTE

If you have no Caller ID messages, then the total is shown as 00.

▼ Reviewing Caller ID Numbers

Your phone stores the most recent 30 numbers in Caller ID memory. If the memory is full, a new call replaces the oldest number. To review your Caller ID numbers, follow the steps below.

- 1) Press **CALLER ID**, and the Caller ID summary screen appears. The screen shows the number of new callers and the total number of callers stored in Caller ID memory. (This screen appears on the display whenever the handset is face up in the base.)

New : 01
Total : 02

- 2) Press ▼ to scan through the list. The most recent call appears first, with the date, time, call count, name, and phone number. Press ▲ to scan back through the list.

12/21 12:30PM 03
Schlitz Kaysie
305-555-1212

- 3) Once you have reviewed your oldest call, the following screen appears. Press **CALLER ID** to return to standby.

End

NOTE

Once you have viewed all of your Caller ID numbers and reached the "End" display, the list does not cycle back to the beginning. You must press ▲ to view your previous calls.

NOTE

Your phone stores the most recent 30 numbers in Caller ID memory. If the memory is full, a new call replaces the oldest number.

▼ Calling a Caller ID Number

- 1) Press **CALLER ID**, and the Caller ID summary screen appears. The screen shows the number of new callers and the total number of callers stored in Caller ID memory.

New : 01
Total : 02

- 2) Select the number that you would like to dial. Press ▼ to scan forward and ▲ to scan back through the list.

12/21 12:30PM 03
Schlitz Kaysie
305-555-1212

- 3) Press **TALK** and the number automatically dials.

HINT

For long distance dialing, press **1** to add a 1 to the number in the display.

NOTE

If you select **No**, then the
Caller ID screen returns.

▼ Storing a Caller ID Number Into a Memory Location

- 1) Press **CALLER ID**, and the Caller ID summary screen appears. The screen shows the number of new callers and the total number of callers stored in Caller ID memory.

New : 01
Total : 02

- 2) Press ▼ or ▲ to find the number that you would like to store, then press **MEM** to store the selection.

12/21 12:30PM 03
Schlitz Kaysie
305-555-1212

- 3) The select location screen appears. Use the ▲ and ▼ keys to select a blank memory location where you would like to store the number. (If you want to replace an existing number with the Caller ID number, skip to step 5.)

Select Location
1► KAYSIE SCHLITZ
2 MEMOREX

- 4) Press **SELECT**. A confirmation tone sounds, and the number is programmed. (Do not complete steps 5 and 6.)

- 5) If you choose to replace an existing number with the Caller ID number, press **SELECT**, and the following screen appears.

Replace Memory?
Yes
► No

- 6) Use the ▲ key to move the cursor to **Yes** and press **SELECT**. A confirmation tone sounds, and the number is programmed.

▼ Deleting a Caller ID Number

To delete a single Caller ID message, follow the steps below.

- 1) Press **CALLER ID**, and the Caller ID summary screen appears. The screen shows the number of new callers and the total number of callers stored in Caller ID memory.

New : 01
Total : 02

- 2) Select the number that you would like to delete. Press ▼ to scan forward and ▲ to scan backwards through the list.

12/21 12:30PM 03
Schlitz Kaysie
305-555-1212

- 3) Press **DELETE**, and the following screen appears.

Delete Message?
► Yes
No

- 4) Press **SELECT** or **DELETE**. A confirmation tone sounds and the Caller ID screen returns with the next message displayed.

- 5) After you have deleted all Caller ID number, the display shows **End**. Press **CALLER ID** to return to standby.

End

▼ *Deleting All Caller ID Numbers*

To delete all of your Caller ID numbers, follow the steps below.

- 1) Press **CALLER ID**, and the Caller ID summary screen appears. The screen shows the number of new callers and the total number of callers stored in Caller ID memory.

New : 01
Total : 02

- 2) Press **DELETE**, and the following screen appears.

Delete All?
Yes
► No

- 3) Use the ▲ key to move the cursor to **Yes**, then press **SELECT** or **DELETE**.

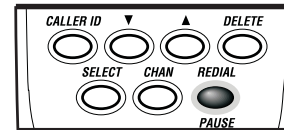
- 4) A confirmation tone sounds, and the following screen appears.

- 5) Press **CALLER ID** to return to standby.

Total:00

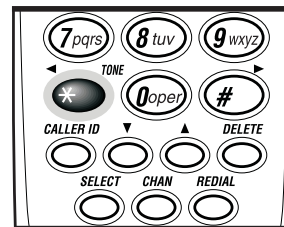
USING REDIAL

REDIAL calls the last number dialed. The number redialed can be up to 32 digits long.



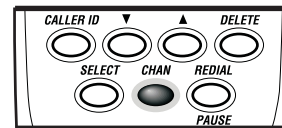
USING THE TONE FEATURE

If you are dialing in the pulse mode and need to enter tone digits, press **TONE** to enter the digits. Once the call has ended, the tone mode is canceled and pulse dialing resumes. The tone feature applies only when the base unit is set to pulse.

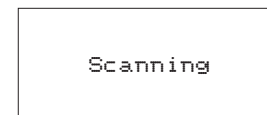


SELECTING A DIFFERENT CHANNEL

If you encounter interference while using your phone, you can manually change the channel for clearer operation. This function works only when the phone is in use.



During the course of a conversation, if you hear static or noise which makes it difficult to hear, press **CHAN**. The following screen appears and the phone changes to a different channel.



TRAVELING OUT-OF-RANGE

During a call, as you begin to move too far from your base unit, noise increases. If you pass the range limits of the base unit, your call will terminate within 20 seconds.

TROUBLESHOOTING

YOUR NEW PHONE

QUICK REFERENCE CHART

If your phone is not performing to your expectations, please try these simple steps.

PROBLEM	SUGGESTION
<i>The charge light won't come on when the handset is placed in the base.</i>	<ul style="list-style-type: none">• Make sure the AC adapter is plugged into the base and wall outlet.• Make sure the handset is properly seated in base.• Make sure the charging contacts on the handset and base are clean.
<i>The audio sounds weak and/or scratchy.</i>	<ul style="list-style-type: none">• Make sure that the base antenna is in a vertical position.• Press CHAN to help eliminate background noise.• Move the handset and/or base to a different location away from metal objects or appliances and try again.
<i>Can't make or receive calls.</i>	<ul style="list-style-type: none">• Check both ends of the base telephone line cord.• Make sure the AC adapter is plugged into the base and wall outlet.• Disconnect the AC adapter for a few minutes, then reconnect it.• Reset security code (see page 20).

PROBLEM	SUGGESTION
<i>The handset doesn't ring or receive a page.</i>	<ul style="list-style-type: none">• The Nickel-Cadmium battery pack may be weak. Charge the battery on the base unit for 15-20 hours.• The handset may be too far away from the base unit.• Place the base unit away from appliances or metal objects.• Reset security code (see page 20).

SPECIFICATIONS

OF YOUR NEW PHONE

GENERAL

The MPH 6988 complies with FCC Parts 15 and 68.

Frequency control: PLL

Modulation: DBPSK

Operating temperature: -10° to 50° C (+14° F to +122° F)

BASE

Frequency: 925.997 to 927.947 Mhz

Power requirements: 9 V 210 mA, or 9 V 180 mA
(from AC adapter)

Size: 4-3/8 in. (W) x 2-1/4 in. (D) x 8-1/2 in. (H)

Weight: Approx. 11.1 oz.

HANDSET

Frequency: 902.052 to 904.002 MHz

Power requirements: Rechargeable Nickel-Cadmium battery pack

Size (without antenna): 2-1/8 in. (W) x 1-1/2 in. (D) x 7 in. (H)

Weight: Approx. 8.6 oz. (including battery)

Battery: BT-905

Capacity 600 mAh, 3.6V

Talk mode 7 hours

Standby mode 14 days

Specifications, features, and availability of optional accessories are all subject to change without prior notice.

Color profile: Disabled
Composite Default screen

MEMOREX LIMITED WARRANTY

PHONES

We at **Memorex** believe you will be pleased with your new Product. Please read this Warranty carefully. Memorex warrants this product to be free from manufacturing defects including original parts and workmanship for a period of one (1) year from the date of original purchase in, and if used in, the United States.

Should you find your unit is not operating properly during the terms of full coverage of this warranty, one (1) year, you should contact your original place of purchase for an exchange with a valid receipt. If necessary, Memorex will provide one of the following options (at Memorex's discretion), providing the manufacturing defect is verified along with the date of purchase.

- Repair service for one (1) year from date of original purchase at no charge for labor and parts at their authorized warranty service facility, providing the manufacturing defect is verified along with the date of purchase.
- Replacement of defective unit with either a new, refurbished, or equivalent model at no charge for one (1) year from the date of original purchase.

This warranty is void if the product is:

- A) Damaged through negligence, abuse, misuse, accident, or acts of God.
- B) Used in commercial applications or rentals.
- C) Modified or repaired by anyone other than Memorex or their expressly authorized representative.
- D) Damage resulting from the improper connection to equipment of other manufacturers.

This warranty does not cover:

- A) Cost incurred in the shipping of the product to and from the Memorex authorized repair facility listed.
- B) Damage or improper operation caused by the failure to follow the operating instructions provided with the product.
- C) Routine adjustments to the product, which can be performed by the customer as outlined in the owner's manual.
- D) Signal reception problems caused by external factors.
- E) Products not purchased in the United States.
- F) Damage to the products used outside the United States.

In the event that service is required under this warranty, please contact CUSTOMER SERVICE at 1-800-919-3647 or contact our website at www.memorex.com.

THIS WARRANTY IS NON-TRANSFERABLE AND APPLIES SOLELY TO THE ORIGINAL PURCHASER AND DOES NOT EXTEND TO SUBSEQUENT OWNERS OF THE PRODUCT. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD OF THE EXPRESSED WARRANTY AS PROVIDED HEREIN BEGINNING WITH THE DATE OF THE ORIGINAL PURCHASE AT RETAIL AND NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED SHALL APPLY TO THE PRODUCT THEREAFTER. MEMOREX MAKES NO WARRANTY AS TO THE FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE OR USE.

THE EXTENT OF MEMOREX'S LIABILITY UNDER THIS LIMITED WARRANTY IS THE REPAIR OR REPLACEMENT PROVIDED ABOVE AT THE SOLE DISCRETION OF MEMOREX. IN NO EVENT SHALL MEMOREX'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER. UNDER NO CIRCUMSTANCES SHALL MEMCORP BE LIABLE FOR ANY LOSS, DIRECT, INDIRECT, INCIDENTAL, FORESEEN, UNFORESEEN, SPECIAL, OR CONSEQUENTIAL DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT.

THIS WARRANTY IS VALID ONLY IN THE UNITED STATES. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, HOWEVER, YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES OR EXCLUSION OF CONSEQUENTIAL DAMAGE, THEREFORE THESE RESTRICTIONS MAY NOT APPLY TO YOU.

MEMCORP LIMITED WARRANTY

Memcorp Canada warrants this product to be free from manufacturing defects in material and workmanship under normal use and conditions for a designated period from date of original purchase in Canada as follows: (Unless otherwise specified)

WARRANTY:

- COLOUR TV's BELOW 25":
2 Years Parts, 90 days Labour,
4 Years Picture Tube
- ALL TV/ VCR AND TV/VCR COMBINATIONS:
1 Year Parts (6 months Video Heads),
90 Days Labour, 4 Years Picture Tube
- ALL VCR's AND VCP's:
1 Year Parts (6 months Video Heads),
90 Days Labour

Should service be necessary under this warranty for any reason due to manufacturing defect during the warranty period, Memcorp Canada will repair or replace (at its discretion) the defective merchandise at no charge.

THIS UNIT CAN BE REPAIRED ONLY AT THE MEMCORP CANADA SERVICE CENTERS OR AT THE AUTHORIZED SERVICE DEPOTS (THE ADDRESS OF THE NEAREST DEPOT IS AVAILABLE BY CALLING 905-940-0560.)

NOTE: This warranty is void if the product is:

- (a) Damaged through negligence, misuse, abuse, or accident.
- (b) Used in a commercial application or rental.
- (c) Modified or repaired by anyone other than Memcorp Canada Service Centers or authorized Service Depots.
- (d) Damage caused by improper connection to other equipment.

NOTE: This warranty does not cover:

- (a) Damage to the tape or tape cartridge (if applicable).
- (b) Cleaning of video heads (if applicable).
- (c) Damage occurred or costs incurred in the shipping of this product to Memcorp Canada Service Centers or the authorized Service Depots.
- (d) Ordinary adjustments to the product which can be performed by the customer as outlined in the owner's manual.
- (e) Signal reception problems caused by normal antenna, cable systems or interference.
- (f) Incompatibility due to the change in TV/CATV broadcast systems after the product was sold.

THIS WARRANTY IS NON-TRANSFERABLE AND APPLIES TO THE ORIGINAL PURCHASER AND DOES NOT EXTEND TO SUBSEQUENT OWNERS OF THE PRODUCT. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD OF THE EXPRESSED WARRANTY AS PROVIDED HEREIN BEGINNING WITH THE DATE OF ORIGINAL PURCHASE AT RETAIL AND NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, SHALL APPLY TO THIS PRODUCT THEREAFTER.

UNDER NO CIRCUMSTANCES SHALL MEMCORP CANADA BE LIABLE FOR ANY LOSS, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGE ARISING OUT OF, OR IN CONNECTION WITH THE USE OF THIS PRODUCT.

THIS WARRANTY IS VALID ONLY FOR THE PRODUCTS SOLD AND DISTRIBUTED THROUGH MEMCORP CANADA (AND ITS DEALER NETWORKS).

MEMCORP CANADA
108 FERRIER ST.
MARKHAM, ONTARIO L3R 2Z5
(905) 940-0560

I.C. NOTICE

“Notice: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection 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.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.”

“Notice: This cordless telephone uses radio communications between the handset and the base set, and may not ensure privacy of communication. Other devices including other cordless telephones may interfere with the operation of this cordless telephone or cause noise during operation. Units not containing coded access signaling could be accessed by other cordless telephones or radio communications systems. Cordless telephones must not cause interference to any licensed radio service.”

“Note: Operation is subject to the following conditions: 1) This device may not cause interference, and 2) This device must accept any interference, including interference that may cause undesired operation of the device.”

Notice: The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the sum of the Load Numbers of all the devices does not exceed 100.

Load No.: See label on base unit bottom.

Privacy of communication may not be ensured when using this device

PRECAUTIONS!

Before you read anything else, please observe the following:

Warning!

The manufacturer **DOES NOT** represent this unit to be waterproof. To reduce the risk of fire, electrical shock, or damage to the unit, **DO NOT** expose this unit to rain or moisture.

Rechargeable Nickel-Cadmium Battery Warning

- This equipment contains a rechargeable nickel-cadmium battery.
- Cadmium is a chemical known to the State of California to cause cancer.
- The rechargeable nickel-cadmium battery contained in this equipment may explode if disposed of in a fire.
- **Do not** short-circuit the battery.
- Do not charge the rechargeable nickel-cadmium battery used in this equipment in any charger other than the one designed to charge this battery as specified in the owner's manual. Using another charger may damage the battery or cause the battery to explode.

RECHARGEABLE NICKEL-CADMIUM BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY

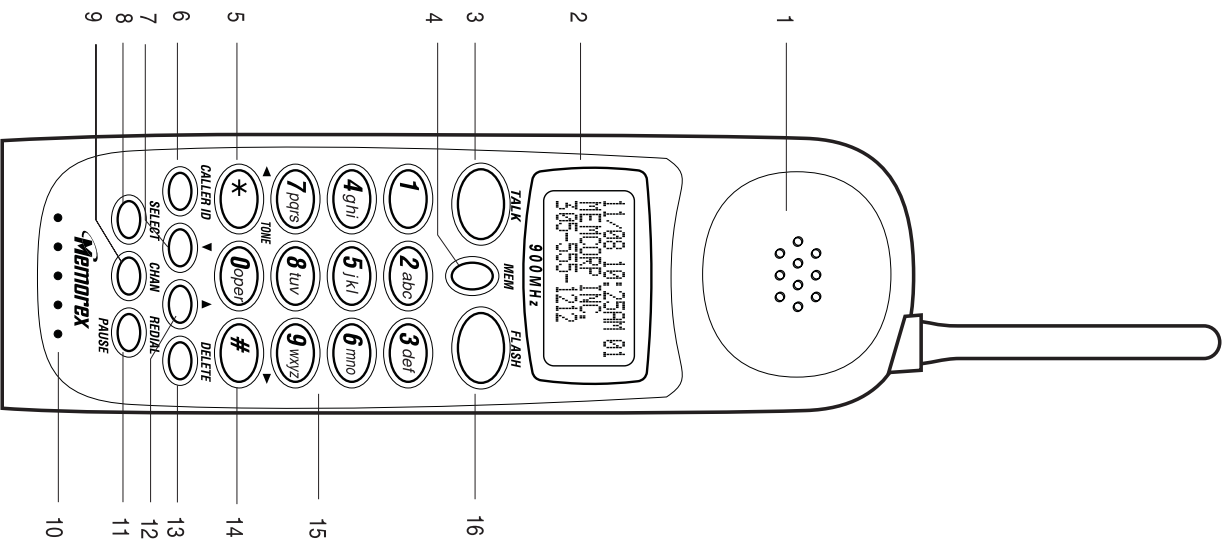
Covered under one or more of the following U.S. patents:

4,511,761	4,523,058	4,595,795	4,797,916	5,381,460
5,426,690	5,434,905	5,491,745	5,533,010	5,574,727
5,650,790	5,660,269	5,661,780	5,663,981	5,671,248
5,717,312	5,754,407	5,768,345	5,787,356	5,838,721

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CONTROLS

AND FUNCTIONS



1. Handset Speaker
2. Handset Display
3. Talk
4. Memory
5. * /Tone/ Left Cursor
6. Caller ID
7. ▼ (down cursor)
8. Select
9. Channel
10. Handset Microphone
11. Redial/Pause
12. ▲ (up cursor)
13. Delete
14. Right Cursor
15. Keypad
16. Flash
17. Handset Retainer Clip
18. Status LED
19. Page
20. Pulse/Tone switch
21. DC Input Jack
22. Telephone Line Jack

