



Excursion® 39233



Congratulations on your selection of the Excursion® 39233 from Northwestern Bell Phones. This quality cordless Telephone, like all Genuine BELL® products, has been designed to give you many years of continuous service and represents the best value for your money. It requires little maintenance and is easy to set up and operate.

IMPORTANT SERVICE INFORMATION

Read this manual before attempting to setup or use this instrument. It contains important information regarding safe installation and use. Keep this manual for future reference. Also save the carton, packing and proof of purchase to simplify and accelerate any needed action.



WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of excess moisture. If accidentally dropped into water, the AC adaptor should immediately be unplugged from the wall along with the telephone line cord.



THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.

EXCURSION[®] 39233

CARTON CONTENTS

- Excursion[®] 39233 Base and Handset
- Rechargeable Ni-Mh Battery Pack
- Telephone Line Cord
- Short Line Cord
- Wall Mount Bracket
- AC Adaptor (9VDC, 300 mA, Center Positive)
- User's Manual
- Warranty Card



INSTALLATION PRECAUTIONS

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.



MAINTENANCE

1. Use a damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.
2. Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

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

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. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bathtub, 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 product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating. These openings should never be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. 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 abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric 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, but take it to a qualified service contractor when some 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 or plug 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 by following the operating instructions. Adjust only those controls that are covered by the operating

instructions. Improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

- E. If the product has been dropped or the cabinet has been damaged.
 - F. If the product exhibits a distinctive change in performance.
13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
 14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

CAUTION

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

1. Use only the battery pack type provided with the unit.
2. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery. 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 material such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
5. Recharge only the battery provided with or identified for use with this product. The battery may leak corrosive electrolyte or explode if it is not the correct type.
6. Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.
7. When inserting the battery into this product, the proper polarity or direction

must be observed. Reverse insertion of batteries can cause charging that may result in leakage or explosion.

8. Do not store this product, or the battery provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be stabilized at room temperature prior to use after cold storage.
9. Disconnect telephone lines before installing batteries.

FCC NOTICE

The FCC requires that you be advised of certain requirements involving the use of this telephone.

1. This telephone is hearing aid compatible.
2. This equipment complies with 47 CFR Part 68 requirement. On the bottom of this equipment is a label that contains, among other information, the ACTA registration number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.
3. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
4. If your telephone causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.

5. Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
6. If you experience trouble with the telephone, please contact VTC Service & Manufacturing Co., Inc at (800) 888-8990 or write to: VTC Customer Service, 16988 Gale Ave., City of Industry, CA 91745 for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure that the equipment is not malfunctioning.
7. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.).
8. VSOC jack type is RJ11C and the compatible jack is part 68 compliance.

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 off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment in to an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

If shielded cables or special accessories are required for compliance, a statement must be included which instructs the user to employ them, e.g.,

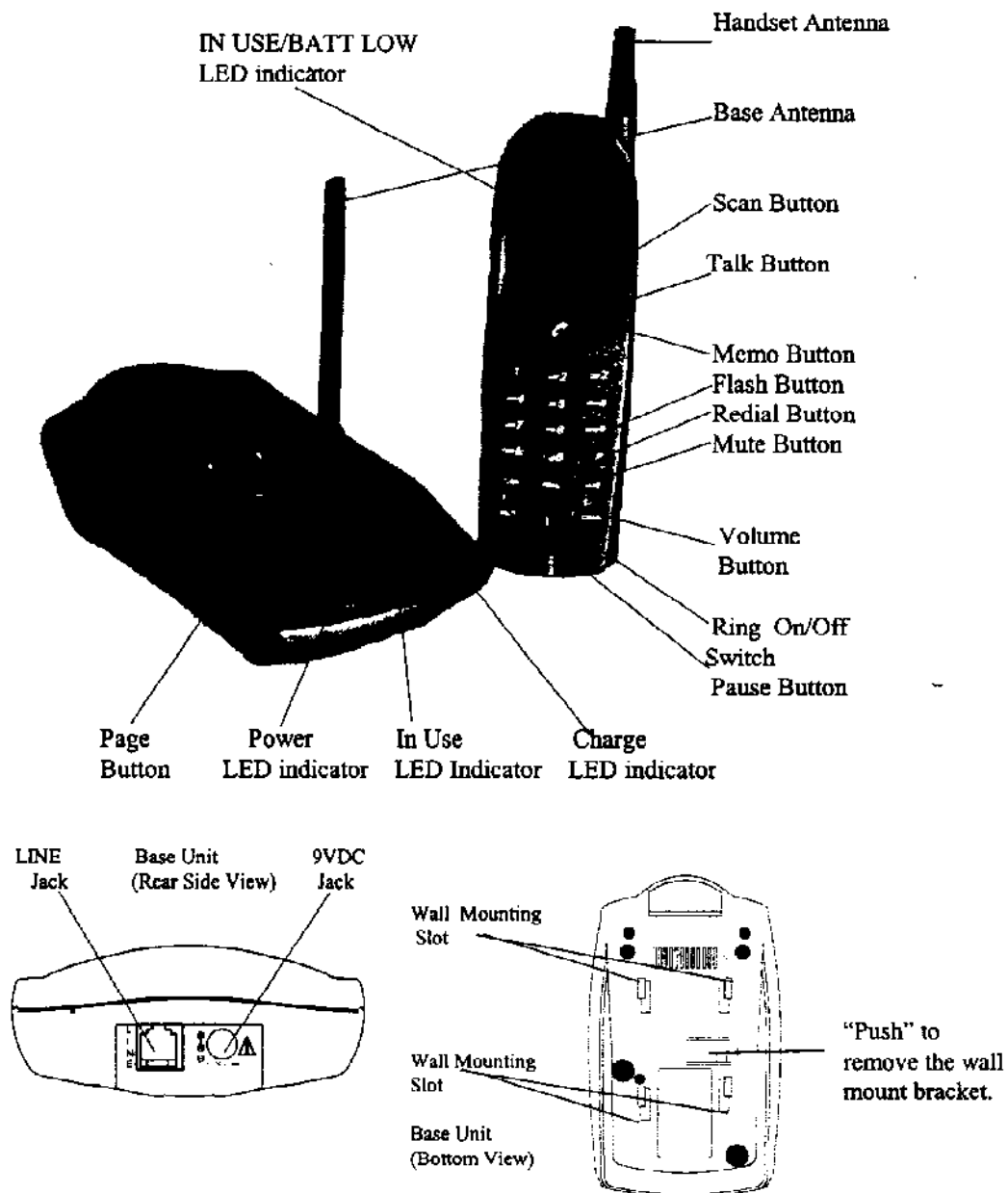
Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

FCC PART 15 **WARNING**

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

EXCURSION® 39233 CONTROLS DIAGRAM



DESCRIPTIONS

Handset Controls:

SCAN Button - Used to manually select one of the 40 operating channels when you experience interference on the handset.

Charge Contacts - Used for charging handset batteries. Clean periodically with an alcohol moistened swab.

FLASH Button - Momentarily hangs up the phone to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company.

IN USE/BATT LOW LED Indicator - Lights solid when handset is in use. Blinks when battery power is low.

Memory (MEMO) Button - Used to store 10 phone numbers (up to 20 digits each) or dial any of the stored phone numbers in the 10 memory locations.

PAUSE Button - Used to insert a "pause" in the dialing sequence while storing numbers in memory (for use in PABX or long distance services).

REDIAL Button - Used to automatically dial the last phone number dialed from the handset. (up to 32 digits)

MUTE Button-Allows you to talk privately without being over heard by the calling party.

TALK Button - Used to place, receive or terminate a call.

Handset Antenna- A user replaceable and flexible antenna

TONE Button - Used to temporarily change the dialing mode from Pulse to Tone when dialing in the Pulse mode. Provides tone function to access special services such as phone banking services.

VOLUME Button - Used to adjust the Handset speaker volume .

Ringer ON/OFF Switch---Used to disengage or activate the ringer.

Base Controls

9 VDC Jack - Used for connecting the small plug of the AC adaptor.

Antenna - Raise for best reception or reposition for storage purposes.

Charge LCD Indicator - Lights solid when the handset is being charged by the base unit.

Charge Contacts - Used for charging handset batteries. Clean periodically with an alcohol moistened swab.

IN USE LED Indicator - Lights solid when the handset is in the TALK mode.

Line Jack - Used for connecting the telephone line cord.

PAGE Button - Allows you to alert the handset user or locate the handset when it is not on the base.

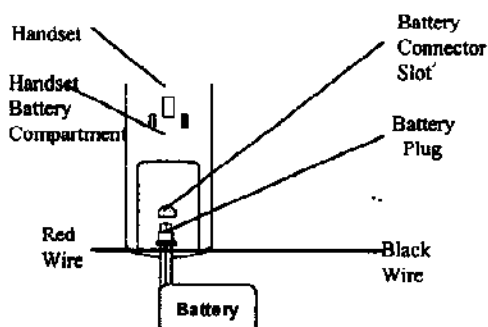
Power LCD Indicator - Lights solid when power is connected to the base.

TONE/PULSE Dialing Switch - Allows you to switch the dialing mode to either Touch Tone or Pulse dialing.

INSTALLATION

Battery Installation

1. Remove the battery compartment cover of the handset by pressing the raised rib and sliding it down.
2. Connect the battery pack plug along the slot into the handset's battery connector as shown on figure 1.



(Fig. 1)

3. Insert the battery pack into the battery compartment.
4. Replace the battery compartment cover by sliding it up towards the handset.

NOTE: It is recommended that the Nickel Metal Hydride battery should be fully charged overnight prior to initial use. Refer to the "Maximizing Nickel Metal Hydride Battery Life" section of the manual.

Desktop Connection

1. Select a location near a telephone modular wall jack.
2. Plug one end of the telephone line cord into the telephone line jack on the rear of the base unit.
3. Connect the other end of the line cord into a modular telephone jack located on your wall.

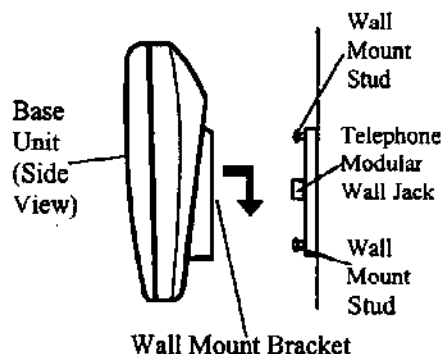
Wall Mounting

You may choose to install the Excursion® base unit onto a wall.

Wall Mounting (Standard Wall Jack)

1. Connect the short telephone line cord to the telephone line jack on the rear of the base unit.
2. Install the wall mount bracket by inserting it into the four grooves on the bottom of the base unit and locking it into place.

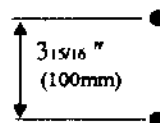
3. Mount the base unit to the modular wall jack by hooking the studs on the wall plate into the keyhole slots of the wall mount bracket as shown in figure 2.



(Fig. 2)

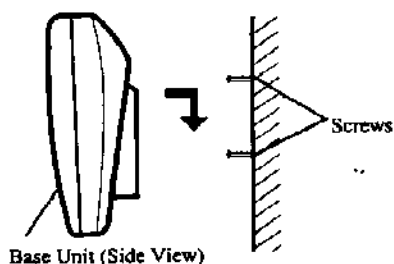
Wall Mounting (No Standard Wall Jack)

1. Drill two holes with a vertical distance between the two marked positions of $3\frac{15}{16}$ " (100mm) as shown in figure 3.



(Fig. 3)

2. Drive a screw into each of the holes. Tighten them to the end of the screw lines, only leaving the smooth part of the screw head outside the wall.
3. Install the wall mount bracket by inserting it into the four grooves on the bottom of the base unit and locking it into place.
4. Hang the unit onto the screws, then slide it down firmly to fasten the base securely, as shown in fig. 4.

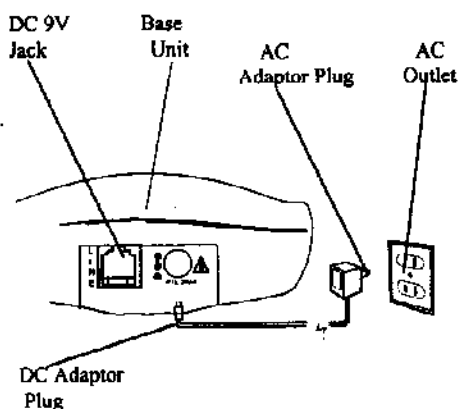


(Fig. 4)

POWER CONNECTION

CAUTION: You must use a Class II, 120 Volt AC / 9Volt DC adaptor that delivers at least 300 milliAmps. The center tip must be positive and the plug must correctly fit the machine's DC 9V jack.

1. Plug the AC adaptor into a standard AC outlet.
2. Insert the small plug into the DC 9V jack on the rear of the base.



TELEPHONE OPERATION

Preparing for Initial Use

1. Install and charge the Ni-Mh battery as described in the "Maximizing Ni-Mh Battery Life" section.
2. Install the Antenna on the handset and raise the antenna base unit for best reception.
3. Push the handset TALK button to confirm that you have a dial tone.

4. If you do not get a dial tone, review the steps mentioned in the Installation and Power Connection section of this manual.

NOTE: Refer to the Troubleshooting section if you still cannot get a dial tone.

To Place a Call

1. Press the TALK button on the handset. The IN-USE/BATT LOW indicator will flash rapidly while scanning for a clear channel. The indicator will light up solid when it finds a clear channel.
2. Listen for a dial tone.
3. Dial the phone number.

To Receive a Call

If the handset is on the base:

- Since the Excursion® features "Auto-Answer," simply pick up the handset from the base cradle when the phone rings and start conversation with the caller.

If the handset is out of the base:

- Press the TALK button on the handset and start conversation with the caller.

NOTE: When the handset is on RINGER OFF mode and it is away from the base unit, the handset will not ring, instead the IN USE LED of handset and base will blink to indicate an incoming call.

To End a Call

Since the Excursion® features "Auto-Standby," simply return the handset to the base or press the TALK button if you are away from the base unit.

Last Number Redial

If you get a busy signal, you can use the Redial function to automatically dial the last phone number dialed

1. Pick up the handset and press the TALK button.
2. Listen for a dial tone.
3. Press the REDIAL button to automatically dial the last phone number you dialed.

MUTE

To talk privately without being over heard by the calling party, press and hold the MUTE button during a phone call.

Flash Function

Used to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company. Consult your local phone company for more details.

Pause Function

In some cases, such as PABX or long distance service, a pause may be needed in the dialing sequence. Pressing the PAUSE button once on the handset inserts a 4-second delay between dialed numbers. Pause(s) can be inserted into the programmed dialing sequence in memory dialing.

Mixed Mode Dialing (Temporary Tone Dialing)

If you have pulse dialing, to access special services (Bank by phone, etc.), require a touch tone signal. Press the TONE button to switch from Pulse to Tone dialing temporarily. Pulse dialing mode resumes when the call is ended.

Channel Selection (40 Channels)

Channel Scan (Auto-Scan)

- If you are receiving a call or dialing out and TALK is pressed, the Excursion® auto-scans for the best channel available.

Channel Scan (Manual)

- If the existing channel becomes noisy or starts having interference, press the SCAN button on the handset. The Excursion® will automatically scan for the best channel available.

NOTE: It takes about 2 seconds for the unit to scan to the next clear channel.

Memory Dialing

You can store and recall up to 10 phone numbers (up to 20 digits each) from the handset.

Storing Telephone Numbers

1. Make sure the handset is in the standby mode (IN USE/BATT LOW indicator is off and the base unit IN-USE indicator is off).
2. Press the memory (MEMO) button on the handset.
3. You will hear one beep.
4. Enter the telephone number you want to store (maximum of 20 digits) on the handset.
5. Press the MEMO button once again.
6. Press a memory location where you want to store the phone number (0 to 9). You will hear one confirmation beep.
7. Repeat steps 1 to 6 to store additional telephone numbers.

Example:

To store the number 555-6200 under index number 1 on the keypad:

1. Press MEMO.
2. Enter 555-6200.
3. Press MEMO again.
4. Press 1 on the keypad.
5. You have stored 555-6200 in memory location 1.

NOTES:

- Pauses can be programmed into a memory dialing sequence. Each pause occupies one digit. If you are using a switchboard system to access an outside line, press the PAUSE button on the handset to store a pause.

Recalling a Number from Memory

1. Press the TALK button on the handset.
2. Press the MEMO button on the handset.
3. Press the index number (0-9) on the keypad for the number you have stored. The stored number will be dialed automatically.

Example:

To recall the number 555-6200 stored under index number 1 on the keypad:

1. Press the TALK button.
2. Press MEMO.
3. Press 1 on the keypad.
4. The Excursion® will automatically dial 555-6200 stored in memory.

Changing Stored Phone Numbers

1. Follow the steps described in the section "Storing Telephone Numbers."
2. The new phone number will automatically replace the previous one.

PAGE Function

To alert the handset user or to locate a misplaced handset, press the PAGE button on the base unit.

65,536 Combination Security Coding

The Excursion® uses a digital coding security system to prevent unauthorized use of your telephone line by other cordless phones nearby. The Excursion® has 65,536 possible security code combinations. Each combination of the code is randomly generated every time the handset is picked up.

Resetting Security Code and Channel

Information

Communication between the handset and the base unit may not be possible in any of the following situations:

1. After a power failure.
2. After relocating the base unit by disconnecting the AC adaptor.
3. After replacing the handset battery.
4. The handset goes out of range from the base unit.

To reset, place the handset on the cradle of the base unit for five seconds.

TECHNICAL INFORMATION

This cordless phone uses radio frequencies to allow mobility. There are certain difficulties in using radio frequencies with a cordless telephone. While these are

normal, the following could affect the operation of your system.

Noise Electric pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electric equipment such as light dimmers, fluorescent bulbs, motors, and fans also generate noise pulses. Because radio frequencies are susceptible to these noise pulses, you may occasionally hear them in your handset. Generally they are a minor annoyance and should not be interpreted as a defect in your system.

1. Range: Because radio frequencies are used, location of the base unit can affect operating range. Try several locations in your home or business and pick the one that gives you the clearest signal.

Interference: Some electronic devices operate in and/or generate interference near the operating frequencies of your cordless telephone. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals cause interference. If interference occurs frequently, it can be minimized or eliminated by lowering the height of your base antenna or by relocating the base unit. You can check for interference before selecting the final base unit location by plugging in the phone.

Improving Cordless Reception

Follow these guidelines to improve cordless sound quality:

- Select an area to install the Excursion® where it is closest to the center of your home or office. This will improve the operating range of the unit.
- Keep the Excursion® base unit away from electrical equipment. Radio Frequency Interference (RFI) is sometimes generated by these appliances, which can cause a

- degradation in cordless reception.
- Keep the handset batteries charged as much as possible. Weak handset batteries can limit the range of cordless operation.

MAINTENANCE

Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.

Cleaning the Unit

Use a slightly damp cloth to clean the plastic cabinet. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.

Maximizing Ni-Mh Battery Life

Repeated use or recharge of Ni-Mh batteries without periodic full discharge results in reduced useable charge time. When you notice the usable charge duration decreasing, fully discharge the Ni-Mh battery and recharge as described:

Discharging

1. Unplug the telephone line cord from the Excursion[®].
2. Make sure that the AC Adaptor is connected.

3. Press the TALK button of the handset (IN USE/BATT LOW indicator should light).
4. Place the handset *out* of the base cradle to start discharging.
5. Once the IN USE/BATT LOW indicator starts flashing, it means that the battery level is low. Let it fully discharge for 12 hours. Once the Ni-Mh battery is fully discharged, you may now charge the battery to its full capacity.

Charging

1. Make sure the AC adaptor and telephone line cord is connected to the Excursion[®].
2. Place the handset on the base cradle. The CHARGE indicator will steadily light up on the base.
3. Leave the handset charging on the base for 12 hours continuously to get a maximum charge.
4. The Excursion[®] is now ready for regular use. Discharge and charge the Ni-Mh battery again once you notice a decrease in the useable charge time.

TROUBLESHOOTING

SYMPTOM	SOLUTION
No dial tone	• Check for the telephone line cord connectors at both ends that they are pushed in firmly until they click. • If you had a power failure or had unplugged the base unit, replace the handset on the base unit for two to five seconds to reset the system.
Does not ring	• Check the RINGER ON/RINGER OFF switch on the handset. Setting this switch to the RINGER OFF mode disengages the ringer. Switch to RING ON to activate the handset ringer. • You may have exceeded the Ringer Equivalence Number (REN) limit of how many phones can be connected to the same line. The REN total of all devices (printed on the bottom label of each unit) should not exceed five (5). Disconnect the appropriate units to lower the REN total.
No power on the handset unit	• Check for the Ni-Mh battery pack connection inside the battery compartment on the handset. • The handset rechargeable Ni-Mh battery pack may need charging. Refer to the Maintenance section on how to discharge and charge the Ni-Mh battery pack.
Does not charge	• Make sure the charging contacts on both the base unit and the handset are in contact during charging. • The charging contacts may need cleaning with a alcohol-moistened cloth. • The Ni-Mh battery pack may need to be discharged first to charge it fully. Refer to the Maintenance section on how to discharge and charge the Ni-Mh battery pack.
Range is limited	• Raise or reposition the antenna on the base. • Move the base unit so that it is centrally located in your residence or office and make sure that the base unit is not located near appliances. • Refer to the Technical Information section regarding range.
Calls received flutters or fades	• The handset rechargeable Ni-Mh battery pack may need charging. Refer to the Maintenance section on how to discharge and charge the Ni-Mh battery pack.
Interference on reception	• Choose an alternate channel using the SCAN button on the handset.



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