

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. If you need assistance or service, call (800) 888-8990 between 8:00 a.m. and 4:30 p.m. Pacific Standard Time, Monday through Friday. You can also visit our web site at: <http://www.nwbphones.com> for technical support and information on our other products.

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® 39525

CARTON CONTENTS

- Excursion® 39525 Base and Handset
- Belt Clip
- Rechargeable Ni-Cad Battery Pack
- Telephone Line Cord
- Short Line Cord
- AC Adaptor (9VDC, 500 mA)
- User's Manual
- Warranty Card
- Accessory Order Form

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY 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

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.

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.

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 the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into 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.

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.

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 unit is Hearing Aid Compatible.
2. This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains, among other information, the FCC 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. 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.

6. 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.)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be insured when using this phone.

Changes or modifications not expressly approved in writing by Northwestern Bell Phones may void the user's authority to operate this equipment.

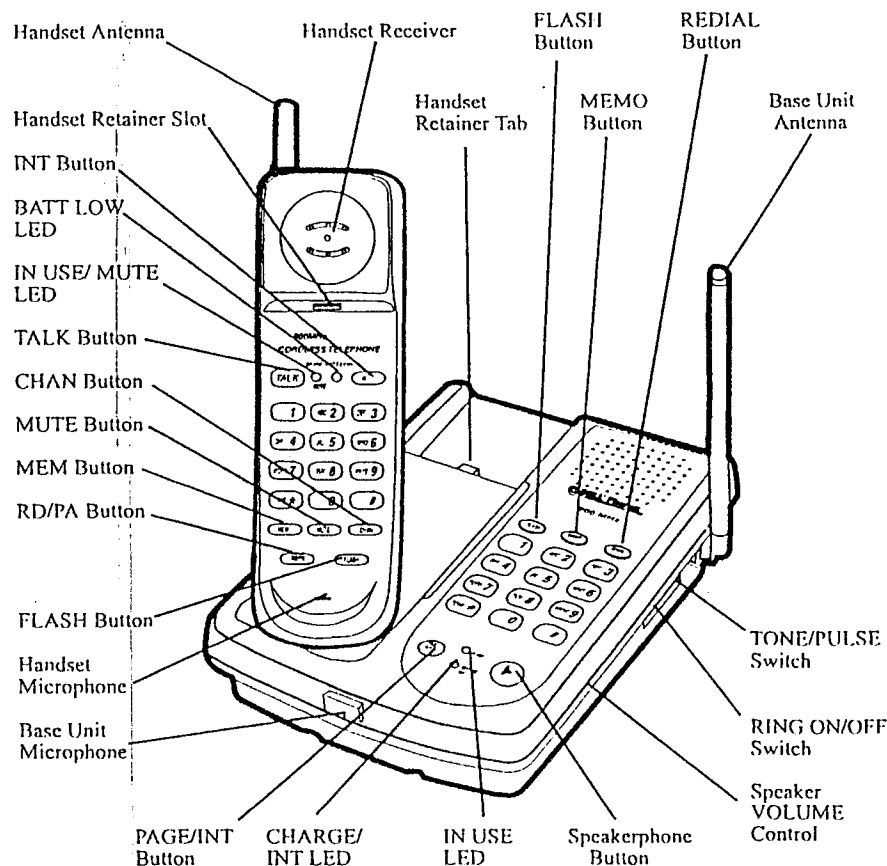
Some cordless phones operate at frequencies that may cause interference to nearby TVs and VCRs; to minimize or prevent such interference, the base of the cordless phone should not be placed near or on top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.



AC ADAPTOR: Use only with Class 2 Transformer, 12VDC output, 500mA.

DESCRIPTIONS

----- (HANDSET) -----



Belt Retainer Clip / Slots – For added convenience, a handset belt clip is included for portability. The clip attaches to the slots located on the sides of the handset receiver.

CHAN (Channel) Button – Allows you to change channels if the current channel is noisy or having interference from other sources.

Charge Contacts – Used for charging the handset batteries. Clean these contacts periodically with a cloth or cotton swab lightly moistened with alcohol.

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

Handset Retainer Slot – If you decide to have the Excursion in the wall mount position, you can place the handset retainer slot to the base unit's handset retainer tab so that it allows the handset to hang on to the base unit.

Headset Jack – Allows you to add a headset (not included) to the handset.

IN USE LED Indicator – Flashes when an incoming call is received. During TALK mode, this LED indicator remains lit steadily.

BATT LOW LED Indicator – Flashes to indicate that the handset battery power is weak and needs to be recharged.

INT (Intercom) Button – This button on the handset allows a two-way conversation with another person at the base unit.

MEM (Memory) Button – Used to store /recall up to 10 telephone numbers to / from memory.

Microphone – Used for speaking with callers during TALK mode.

MUTE Button – Allows you to disable the handset's microphone so the other party can't hear your side of the conversation.

RING ON-OFF Switch – This switch allows you to adjust the handset power and the ringer volume to either ON or OFF.

RD/PA (Redial/Pause) Button – (Redial) Automatically dials the last number called. (Pause) Used to insert a four-second delay when storing a phone number into memory.

Receiver – Allows you to hear calls, messages, and the voice menu prompts from the handset.

TALK Button – Press this button to initiate, receive, or end a phone call.

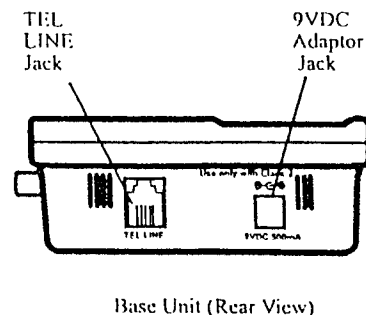
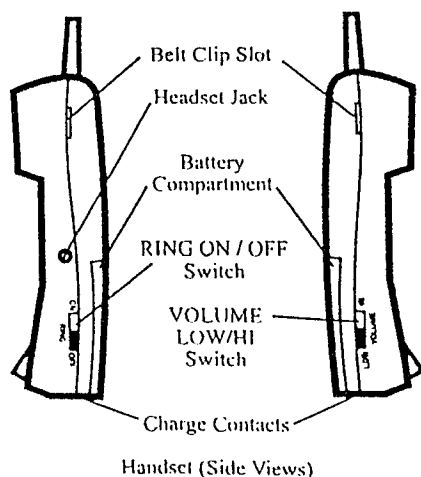
VOLUME LOW/HI Switch – Allows you to adjust the handset receiver volume to either low or high setting.

----- (BASE UNIT) -----

9VDC Adaptor Jack – A jack located on the rear side of the base unit used for connecting the AC adaptor to the base unit.

CHARGE / INT LED Indicator – (CHARGE) Turns ON when the base unit is charging the handset. Turns OFF when the handset is removed from its cradle. (INT) Flashes when Intercom mode is in use.

Charge Terminals – Used for battery charging. Clean these terminals



Base Unit (Rear View)

periodically with a cloth or cotton swab lightly moistened with alcohol.

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

Handset Retainer Tab - If you decide to have the Excursion in the wall mount position, you can place the handset retainer slot to the base unit's handset retainer tab so that it allows the handset to hang on to the base unit.

IN USE / INT (Intercom) Indicator - (IN USE) Lights solid when the phone is being used. (INT) Flashes when the handset pages the base unit and remains lit steadily during an Intercom call.

PAGE/INT Button - Used to alert the person near the handset when using the two-way intercom feature. Also allows you to locate the handset when it is not on the base.

MEMO Button - Used to store /recall up to 10 telephone numbers to / from memory.

RD/PA Button - Automatically dials the last number called, up to 32 digits.

Speakerphone () Button - Allows for conversation with the caller without having to use the handset.

TEL LINE Jack - An RJ-11 connector where one end of the telephone line cord connects to.

TONE/PULSE Switch - Allows you to select the appropriate dialing service. TONE for tone dialing or PULSE for rotary service.

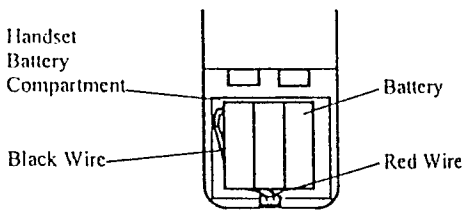
VOLUME Control - Adjusts the base unit speaker volume level.

INSTALLATION

CAUTION: USE ONLY THE NICKEL CADMIUM (Ni-Cad) BATTERY TYPE INCLUDED WITH THIS UNIT. USE OF OTHER BATTERY TYPES MAY CAUSE INJURIES OR DAMAGE.

Battery Installation (Handset)

1. Remove the battery compartment cover of the handset.
2. Connect the rechargeable Ni-Cad battery as shown below.



(Figure 1)

3. Insert the Ni-Cad battery into the battery compartment of the handset.
4. Replace the battery compartment cover.

NOTE: It is recommended that the Ni-Cad battery should be fully charged overnight prior to initial use. Read "Maximizing Ni-Cad Battery Life" in the Maintenance section of this manual. The handset Ni-Cad battery is continually being charged while it is on the base cradle.

Desktop Connection

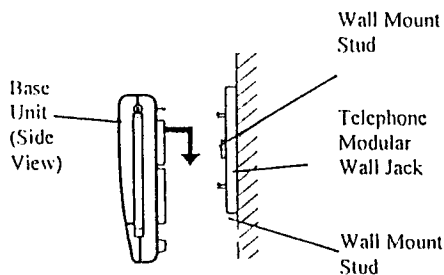
Plug a telephone line cord into the TEL LINE jack on the rear of the Excursion[®] 39525 and connect the other end into the telephone modular jack located on your wall.

Wall Mounting

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

Wall Mounting (Standard Wall Jack)

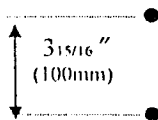
1. Connect the short telephone line cord to the telephone line jack on the rear of the base unit.
2. Route the short line cord into the groove on the back of the base unit and plug the free end into the wall modular jack.
3. Mount the base unit to the modular wall jack by hooking the studs on the wall plate into the keyhole slots on the back of the base unit as shown in figure 2.



(Fig. 2)

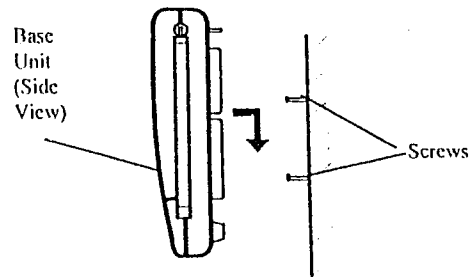
Wall Mounting (No Standard Wall Jack)

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



(Fig. 3)

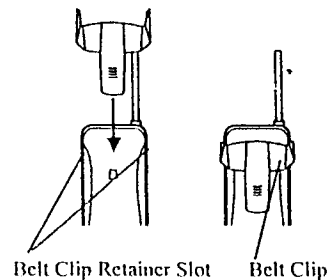
2. Drive a screw into each of the holes. Tighten them to the end of the screw lines, only leaving the smooth part of the screw head outside the wall.
3. Hang the unit onto the screws, then slide it down firmly to fasten the base securely, as shown in fig. 4.



(Fig. 4)

Installing the Belt Clip

To install the belt clip to the handset, place the belt clip as shown on the diagram below:

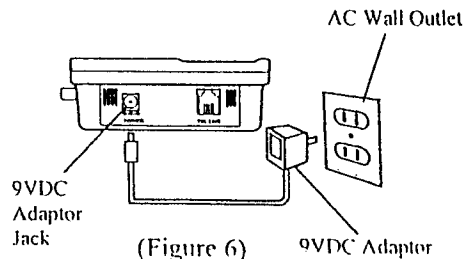


(Fig. 5)

POWER CONNECTION

CAUTION: You must use a Class II, 120 VAC Input / 9VDC Output adaptor that delivers at least 500 milliAmps. The plug must correctly fit the machine's 9VDC adaptor jack.

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



(Figure 6)

INITIAL SETUP

Setting the RING ON/OFF Mode

This switch located on the side of the handset allows you to:

- Turn the handset ringer ON
- Turn the handset OFF to disable the handset ringer and for battery saving mode.

Setting the TONE/PULSE Mode

Select the appropriate dialing service by moving the TONE/PULSE switch to:

- TONE for touch tone, or
- PULSE for rotary service.

Adjusting the Speaker Volume

Base Unit

Slide the speaker volume control (located on the side of the base unit speaker) to a desired listening level when using the Speakerphone.

Handset

Slide the speaker volume control (located on the side of the handset) either LO or HI setting.

TELEPHONE OPERATION

To Place a Call

Using the Handset:

1. Press the TALK button on the handset. The handset the IN USE LED will flash briefly while the unit auto-scans and will light solid when it finds a clear channel.
2. Wait for a dial tone, then dial the telephone number.

Using the Speakerphone:

1. Press the Speakerphone () button on the base unit. The base unit IN USE LED will light up.
2. Wait for a dial tone, then dial the telephone number.

To Receive A Call (Handset)

If the handset is on the base:

- Simply pick up the handset from the base cradle. The unit will scan for a

clear channel, then you can talk to the calling party.

If the handset is out of the base:

- Press the TALK button on the handset. The unit will scan for a clear channel, then you can talk to the calling party.

NOTES:

If you expect incoming calls, the RING ON-OFF switch on the handset must be set to ON. The handset ringer is disabled if the RING switch is set to OFF.

To Receive A Call (Base Unit)

1. Press the Speakerphone () button on the base unit.
2. Wait for a dial tone, then dial the telephone number.

To End a Call

Handset:

- Press the handset TALK button on the handset or,
- Return the handset to its cradle on the base unit.

Mixed Mode Dialing (P->T)

If you are in an area that only has rotary (pulse) dialing service, you can temporarily switch to tone dialing by pressing the " * " (star) button.

Out of Range Detection

The Excursion is equipped with an Out of Range detection system. During a call, the handset will begin to beep every two seconds if you move too far away from the base unit. Move closer to the base unit to get a stronger signal.

NOTE: If you continue to be out of range for more than 16 seconds, the handset will lose link with the base. Return the handset to the base unit if it loses its link with the base unit.

Automatic Digital Security

This system helps protect the privacy of your telephone conversation from other cordless phones nearby. The 39525

security ID code (up to 65,536 combinations) is kept in nonvolatile memory, which is kept even if the power is turned off.

Last Number Redial

If you want to call the same number again, simply press the RD/PA button on the handset or the RD/PA button on the base unit. The last phone number dialed will be redialed automatically.

Intercom / Page Function

Activating the Intercom using the Base

1. The base unit user must press the PAGE/INT button on the base to page the handset user. The CHARGE/INT LED will light on the base unit. The handset will beep for 30 seconds.
2. The handset user must press the INT button to respond.
3. The handset user can now talk to the base unit. The base unit user will hear the handset user through the base unit speaker.

Activating the Intercom using the Handset

1. Press the INT button on the handset.
2. The CHARGE / INT LED on the base unit will flash and the base unit will beep to indicate that the Intercom function is in use.
3. The base unit user can respond by pressing the PAGE/INT button on the base unit and start conversation.

To End the Intercom Function

The handset user must press the INT button on the handset or return the handset to the cradle to end the conversation during the Intercom Mode. The base unit user must press the PAGE/INT button to end the Intercom mode.

Channel Selection (40 Channels)

Channel Scan (Auto-Scan)

When you initiate or receive a call, the Excursion auto-scans for the best channel available.

Channel Scan (Manual Scan)

- If the existing channel is noisy or having radio interference, press the CHAN button repeatedly until a clear channel is found.
- If the selection function fails due to interference, the handset will emit an error tone and both units will stay on the current channel.

NOTE: Excessive static for more than 16 seconds can cause the handset to lose link with the base.

Memory Dialing (10-Memory)

You can store up to 10 telephone numbers (16 digits each) into memory, and you can then dial any of the stored phone numbers.

Storing Telephone Numbers into Memory

1. Make sure the handset or base unit is in standby mode.
2. Press and release the Memory button. (MEM on the handset, MEMO on the base unit).
3. Enter the telephone number you want to store.
4. Press the Memory button once again (MEM on the handset, MEMO on the base unit).
5. Press a number (0 through 9) where you want to store the phone number.
6. Repeat procedures 1 to 5 to store additional telephone numbers.

Dialing a Number from Memory (Speed Dialing)

1. Press the TALK button.
2. Press the Memory button (MEM on the handset, MEMO on the base unit).
3. Select and press one of the keypad buttons (0 to 9). The pre-stored telephone number will be dialed automatically.

Changing Stored Phone Numbers

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

Mute

You can press the handset MUTE button to disable the handset microphone temporarily. This allows you to talk to someone else nearby without having the caller hear your conversation with that person.

Pause Function

- In some cases, such as PABX or calling cards provided by long distance service, a pause may be needed in the memory dialing sequence. Pressing the RD/PA button inserts a four-second delay between dialed numbers.
- Pauses may be programmed into the memory. Each four-second pause occupies one digit of the available 16 digits per memory location

Flash Function

Used to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company. Flash can also be used to restore a dial tone to make a new call.

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.

- Extend the base unit antenna to its maximum length.
- Keep the handset batteries charged as much as possible. Weak handset batteries can limit the range of cordless operation.

Maximizing Ni-Cad Battery Life

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

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 indicator should light).
4. Place the handset *out* of the base cradle to start discharging.
5. Once the BATT LOW indicator starts flashing, it means that the battery level is low. Let it fully discharge for 12 hours or overnight.
6. Once the Ni-Cad 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/INT LED indicator will steadily light up on the base.
3. Leave the handset charging on the base for 12 hours to get a maximum charge.

NOTE: The handset is continually being charged while it is on the base cradle.

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.

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.

TROUBLESHOOTING GUIDE

NOTES: _____

<i>SYMPTOMS</i>	<i>POSSIBLE SOLUTION / CAUSE</i>
No dial tone	• Check for the telephone line cord connectors at both ends that they are pushed in firmly until they click. • Check if another telephone (sharing the same line as the Excursion) is off-hook or in use.
Does not ring	• Check the RING ON-OFF switch on the handset. Switch to the ON position to enable the handset ringer. • Check for the telephone line cord connectors at both ends that they are pushed in firmly until they click. • 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-Cad battery pack connection inside the battery compartment on the handset. • The handset rechargeable Ni-Cad battery pack may need charging.
Does not charge	• Check for the Ni-Cad battery pack connection inside the battery compartment on the handset. • The charging contacts and terminals may need cleaning with an alcohol-dampened swab.
Range is limited	• Raise or reposition the antenna on the base or handset. • 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. • The handset Ni-Cad battery may be weak. Refer to the section "Maximizing Ni-Cad Battery Life" on how to charge or discharge (if necessary) the battery.
Interference on reception	• Choose an alternate channel using the CHAN button on the handset. • Refer to the section "Improving Cordless Reception".

AC ADAPTOR:

USE ONLY WITH CLASS 2 TRANSFORMER, RATED OUTPUT 9VDC, 500mA



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