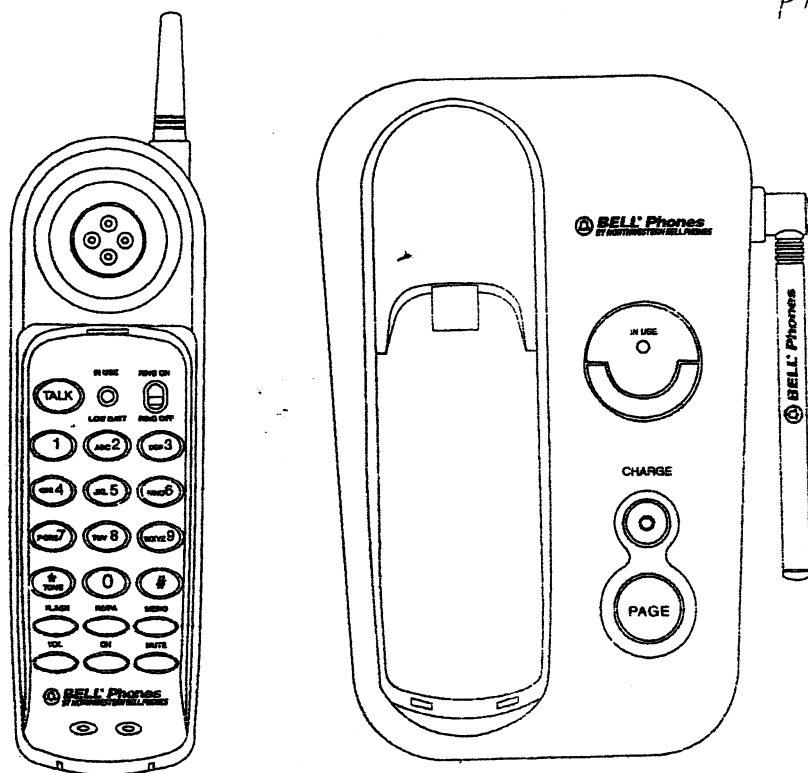# BELL® Phones
BY NORTHWESTERN BELL PHONES

Excursion® 39205

P 12

Congratulations on your selection of the Excursion®
39205 from Northwestern Bell Phones. This quality
900MHz 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 setup 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. 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 adapter should immediately be unplugged from the wall along with the telephone line cord.
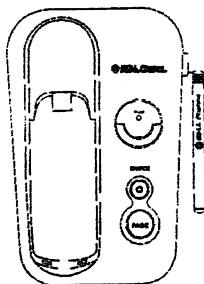
⚠

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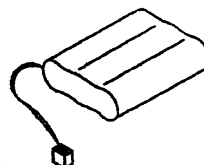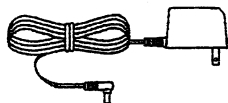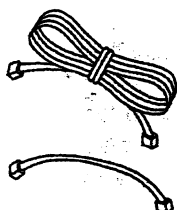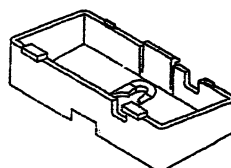
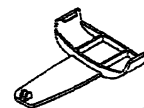# CARTON CONTENTS

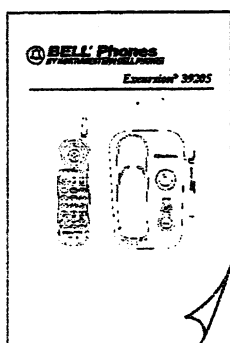HANDSET

BASE UNIT

RECHARGEABLE Ni-Cd
BATTERY PACK

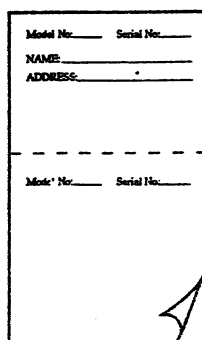AC ADAPTER
(9VDC,300MA)
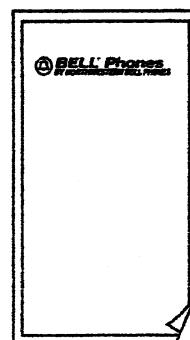
TELEPHONE
LINE CORD
(Short & Long)

WALL MOUNT
BRACKET

BELT CLIP

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 at 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

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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.

⚠ BATTERY SAFETY INSTRUCTION
CAUTION :

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

1. Use only the following type and size of handset battery pack:
   Cordless Telephone Battery Pack
   DC3.6V, 600mAh, Ni-Cd Battery Pack
   Model No.: NT60AAS3BML

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 batteries 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. Remove the batteries from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.

9. Discard ìdeadî batteries as soon as possible since ìdeadî batteries are more likely to leak in a product.

10. 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.

11. Disconnect telephone lines before installing batteries.

⚠ 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.
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.

⚠ 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 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 that 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 form 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 line service is subject to state tariffs. (Contact your state public utility commission or corporation commission for information).

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, 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 residential installation. This equipment generates, uses and can radiate radio frequency energy. If not install and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will no 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 measure:

- Reorient and 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 needed.
- Consult the dealer of an experienced radio / TV technician for help.

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. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
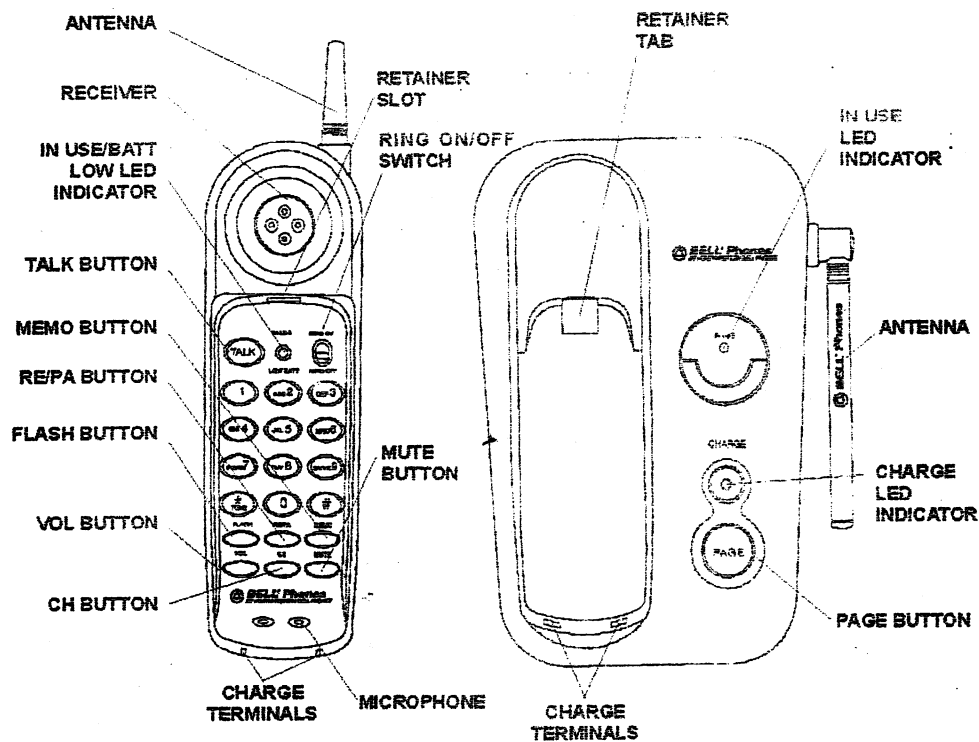
Changes or modifications not expressly approved in writing by Northwestern Bell Phones may void the user's authority to operate this equipment
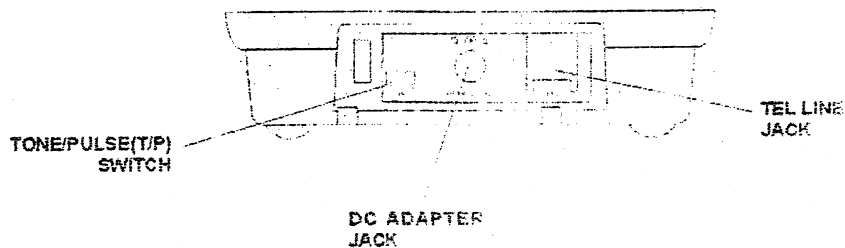

⚠ **ADAPTER:**
Use only with Class 2 Transformer 9VDC Output 30mA

EXCURSIONÆ 39205 CONTROLS DIAGRAM

ANTENNA

RECEIVER

IN USE/BATT
LOW LED
INDICATOR

TALK BUTTON

MEMO BUTTON

RE/PA BUTTON

FLASH BUTTON

VOL BUTTON

CH BUTTON

CHARGE
TERMINALS

MICROPHONE

RETAINER
SLOT

RING ON/OFF
SWITCH

MUTE
BUTTON

RETAINER
TAB

IN USE
LED
INDICATOR

ANTENNA

CHARGE
LED
INDICATOR

PAGE BUTTON

CHARGE
TERMINALS

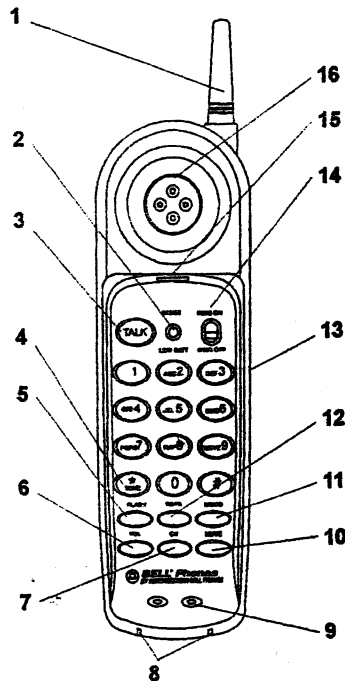## BASE UNIT(Rear View)

TONE/PULSE(T/P)
SWITCH

DC ADAPTER
JACK

TEL LINE
JACK

DESCRIPTION

CONTROLS LOCATION AND FUNCTION

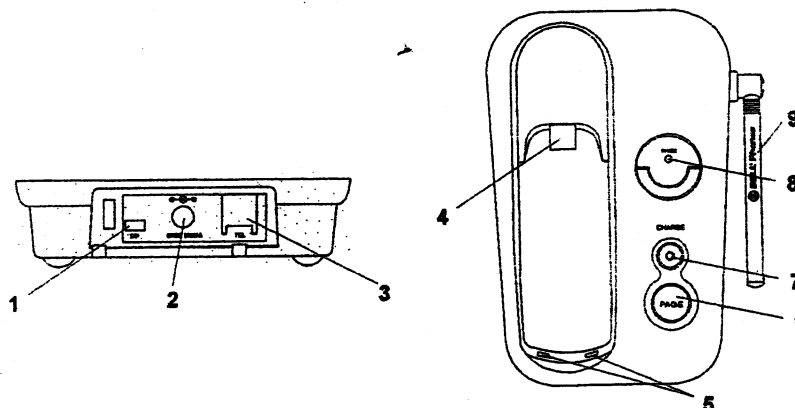
(Figure 1)

HANDSET CONTROLS

1. **Antenna**

2. **IN USE / BATT LOW LED Indicator:** Flashes when an incoming call is received and during paging condition. During TALK mode, this LED indicator remains lit steadily. The BATT LOW LED blinks when the handset battery power is low.

3. **TALK Button:** Press to answer an incoming call or to place a call. Press to end a call.

4. **TONE (*) Button:** Used to temporarily change the dialing mode from pulse to tone for rotary service user. Provides tone function to access special services such as phone banking services.

5. **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.

6. **VOL (Volume) Button:** Allows you to select the handset volume to either low or high

7. **CH Button:** Allows you to change channels if the current channel is noisy or having interference from other sources.

8. **Charge Contacts:** Used for charging the handset battery.

9. **Microphone:** Used for speaking with callers.

10. **MUTE Button :** Press to temporarily disable the handset microphone.

11. **MEMO (Memory) Button:** Used to store up to 10 telephone numbers into memory and you can then dial any of the stored phone numbers.

12. **RE / PA (Redial / Pause) Button:** Automatically dials the last number called up to 32 digits. Also used to insert a four-second delay in the dialing sequence. (For use in PABX or long distance services.)

13. **Headset Jack:** For headset connection at hands free conversation.

14. **RING ON / RING OFF Switch:** Turns the handset ringer ON or OFF.

15. **Retainer Slot:** It allows the handset to hang on the base unit.

(Figure 2)

BASE UNIT CONTROLS

1. **TONE / PULSE(T/P) Switch:** Allows you to select the appropriate dialing service. TONE for tone dialing or PULSE for rotary service.

2. **9VDC Adapter Jack:** A jack located on the rear side of the base unit used for connecting the AC adapter to the base unit.

3. **TEL LINE JACK:** Accept line cord to make connection with modular type telephone outlet.

4. **Retainer Tab:** Allows the handset to hang on the base unit in wall mount position.

5. **Charge Terminals:** Used for charging handset battery.

6. **PAGE Button:** Press to page the handset.

7. **CHARGE LED Indicator:** Lights up steadily when the handset is being charged on the base .
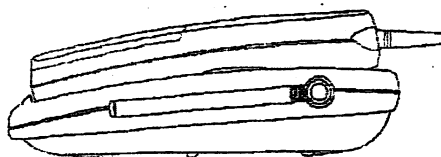
8. **IN USE LED Indicator:** Lights up steadily when the phone is being used. Flashes when paging the handset.

9. **ANTENNA :** Raise for batter recephon.

MOUNTING POSITION

DESKTOP USE:

Connect the telephone line cord to the TEL LINE jack on the rear of the base unit and connect the opposite end to the telephone modular jack.
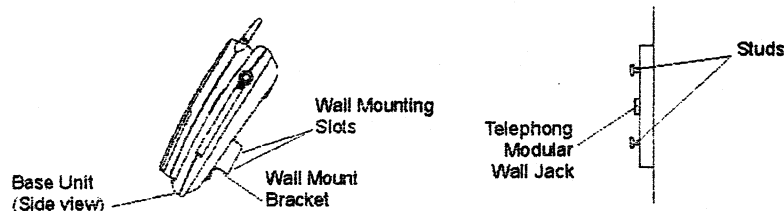
(Figure 3)

WALL USE :

A. WITH A STANDARD AT&T OR GTE MODULAR WALL JACK

1. Install the wall mount bracket at the position as shown in Figure 4.
2. Connect the short telephone line cord to the TEL LINE jack on rear of the base unit.
3. Connect the opposite end of the telephone line cord to the modular wall jack. Align the wall mounting slots with the studs located on the modular wall plate and slide the base down to lock in place.
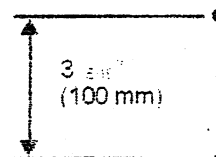
Wall Mounting Slots

Base Unit (Side view)

Wall Mount Bracket

Telephong Modular Wall Jack

Studs

(Figure 4)

NOTE: If you do not have a standard modular wall jack, find a qualified technician to mount one on the wall.

B. WALL MOUNTING (No Standard Wall Jack

Drill two holes with a vertical distance between two marked positions of 315/16 (100 mm) as shown in Figure 5.
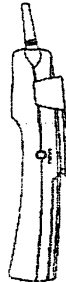
1. Drive a screw into each of the holes. Tighten them to the end of the screw line, only leaving the smooth part of the screw head outside the wall.
2. Hang the unit onto the screws, then slide it down firmly to fasten the base securely.
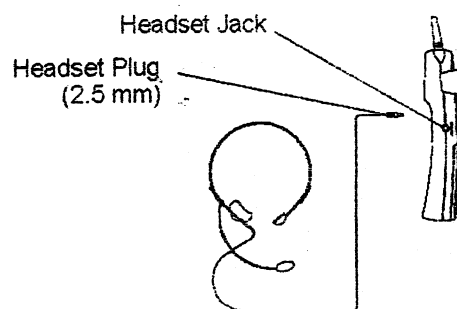
3 в ш (100 mm)

(Figure 5)

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BELT CLIP INSTRUCTION

Clamp the belt clip of the back of the handset on shown in Figure 7

(Figure 7)

CONNECTING THE HEADSET

For hands free conversation, a headset (not included) is connected to the headset jack as shown in Figure 8. The handset receiver and microphone are disabled when the headset is connected.

Headset Jack

Headset Plug
(2.5 mm)

(Figure 8)

Press the TALK button to answer or place a call using the headset. Refer to the manufacturer headset manual for more details.

POWER INSTALLATION

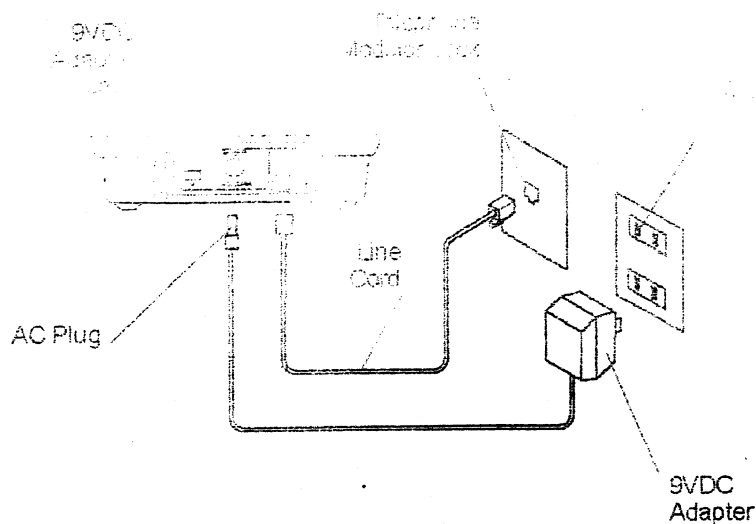BASE UNIT POWER CONNECTION

CAUTION:

You must use a Class II, 120 VAC Input / 9VDC Output adapter that delivers at least 300 milliampere. The plug must correctly fit the machineís AC adapter jack

1.   Plug the DC adapter into a standard AC outlet.

2.   Insert the small plug into the DC adapter jack on the rear of the base as shown in Figure 9. Upon power up, the POWER LE   ator will light up.

AC Plug

Line Cord

9VDC Adapter

(Figure 9)
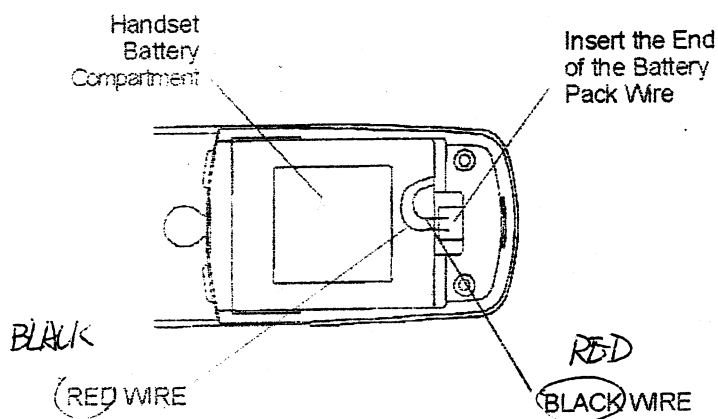
BATTERY INSTALLATION (Handset)

⚠️ **CAUTION:**

Use only the Nickel Cadmium (Ni-Cd) battery type included with this unit. Use of other battery type may cause injuries or damage.

1. Remove the battery compartment cover of the handset.

Handset Battery Compartment

Insert the End of the Battery Pack Wire

BLACK

(RED WIRE

RED

BLACK WIRE

(Figure 10)

2. Connect the rechargeable Ni-Cd battery as shown on Figure 10.
3. Insert the Ni-Cd battery into the battery compartment of the handset.
4. Slide the battery compartment cover firmly in its closed position.

INITIAL SETUP

Before you can use your cordless telephone, the handset must be charged for at least 12 hours. See charging instruction on MAXIMIZING BATTERY LIFE section of this manual.

TONE / PULSE SETTING

Select the appropriate dialing service by moving the TONE / PULSE switch on the side of the base unit:

* TONE for Tone service, or
* PULSE for Rotary service.

SETTING THE HANDSET RINGER ON / OFF

1. Set the ringer switch of the handset to OFF position. The ringer is deactivated. The handset will not ring while receiving an incoming call.
2. Set the ringer switch to ON position. The ringer is activated. The unit will ring while receiving an incoming call.

TELEPHONE OPERATION

TO PLACE A CALL

1. Press the TALK button on the handset. The handset IN USE LED indicator will flash while the unit auto-scans and will light steadily when it finds a clear channel. The base IN USE LED indicator will also light steadily when the handset is in use.
2. Listen for a dial tone.
3. Dial the telephone number.
4. When finished with your call, press the TALK button or place the handset on the base unit. The base IN USE indicator will turn OFF.

TO RECEIVE A CALL

NOTE: If you are expecting an incoming calls, the RINGER OFF / ON switch on the handset must be set to RING ON position.

A. IF THE HANDSET IS ON THE BASE UNIT

1. Since the Excursion® 39205 features "Auto-Answer", simply pick up the handset from the base cradle when the phone rings. The IN USE LED indicator will turn off.
2. Start your conversation.
3. To end your converstion, either press the TALK button or place the handset on the base unit. The base IN USE LED indicator will turn off.

B. IF THE HANDSET IS OUT OF THE BASE UNIT

1. When the phone rings.press the TALK button on the handset The unit will scan for a clear channel until the IN USE LED indicator lights up.
2. Start your converation.
3. To end your converstion, either press the TALK button or place the handset on the base unit. The base IN USE LED indicator will

TROUBLESHOOTING

SYMPTOMS	POSSIBLE SOLUTION / CAUSE
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 RING ON / OFF switch on the handset. Switch to the RING 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-Cd battery pack for proper connection inside the battery compartment on the handset. • The handset rechargeable Ni-Cd battery pack may need charging.
Does not charge	• Check for the Ni-Cd battery pack for proper 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. • 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-Cd battery may be weak. Recharge the Ni-Cd battery. • Refer to the section îImproving Cordless Receptionî.
Interference on reception	• Choose an alterna channel using the SCAN button on the handset • Refer to the section îImproving Cordless Receptionî.
Excessive static	• Ensure that the antenna is not touching another metal object. • Refer to the section îImproving Cordless Receptionî.

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.

AUTOMATIC DIGITAL SECURITY : This system helps protect the privacy of your telephone conversation from other cordless phones nearby. Whenever the handset is returned to the base, a new security code between the handset and base is randomly generated (up to 65,536 combinations).

NOTE: If a power failure occurred on the handset or the base or if the handset is out of range from the base for more than 20 seconds, the security code is lost, along with the link between the handset and base. In order to reestablish the security code, return the handset to the base until the CHARGE LED indicator lights and a beep is heard.

GLOSSARY

65,536 COMBINATION SECURITY CODING - A digital code (up to 65,536 random combinations) that is automatically generated to prevent use of your telephone line by other cordless phones nearby.

AUTO-SCAN - Upon picking up the handset and pressing the TALK button, the Excursion automatically scans for the best channel. There are 60 channels available.

AUTO-STANDBY - The handset automatically goes into standby mode (on-hook) when the handset is returned to the base unit.

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COMPANDER NOISE REDUCTION - Reduces background noise.

FLASH - If you subscribe to phone company special services like Call Waiting or Call Forwarding, pressing the FLASH button will momentarily hang up the phone to access these services.

HEARING AID COMPATIBLE - Allows hearing aid devices to function properly while using the handset.

LAST NUMBER REDIAL - The Excursion® 39205 always "remembers" the last phone number dialed up to 32 digits.

MIXED MODE DIALING (Temporary Pulse to Tone Dialing) - The Excursion® 39205 can provide tone dialing while using a pulse dial service to access automated banking services or any other service requiring tone dialing.

PAUSE - A 4-second delay between dialed numbers for use in PABX systems or long distance services.

RINGER EQUIVALENCE NUMBER (REN) -This is a number located underneath the base of your phone(s) or phone-related device. The REN is used to determine how many phones can be connected to the same telephone line while still having all those devices ring when you receive a call. In most areas, but not all areas, the REN total of all devices should not exceed five (5). Call your local phone company to determine the maximum REN for your calling area.

⊕ BELL® Phones
BY NORTHWESTERN BELL PHONES

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