



OWNER'S MANUAL

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 09/29/01
 C0852 27A 1692



2.4 GHz Cordless Telephone

PLEASE READ BEFORE OPERATING THIS EQUIPMENT

Model: CT-A200

09/29/14 MON 18:09 PAX 7557917944 LIONDA TECHNOLOGY

TEL SEMKO ③		
Date:	3-0-01	
		Action By
		<i>[Signature]</i>

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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, washbowl, 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 surfaces. 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 people will step on the cord.
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.

Safety Instructions

- 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 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

CAUTION:

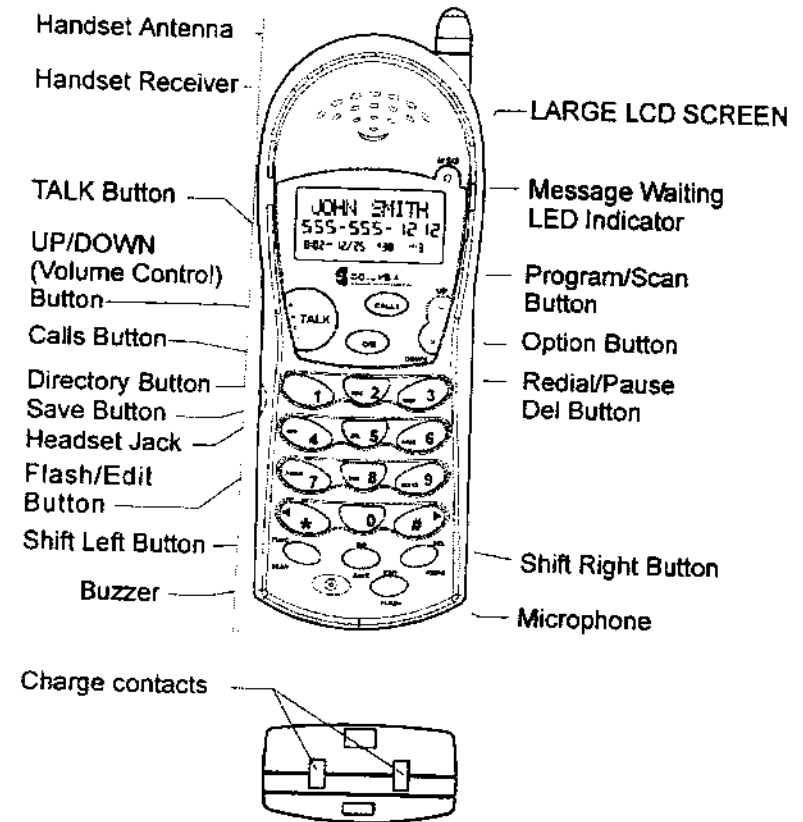
To reduce the risk of fire or personal injury, read and follow these instructions:

1. Use only the following type and size of BATTERY:
3 AAA 1.2V, 550mAh Rechargeable Ni-MH battery
2. Do not dispose of the BATTERY in a fire. It may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the BATTERY. Released electrolyte from a BATTERY is corrosive and may cause damage to the eyes or skin. Electrolyte may be toxic if swallowed.
4. Exercise care in handling the BATTERY to prevent shorting the BATTERY with conductive materials such as rings, bracelets and keys. The BATTERY or conductor may overheat and cause burns.
5. Charge the BATTERY provided with or identified for use with this telephone only in accordance with the instructions and limitations specified in this manual.

ATTENTION:

The telephone that you have purchased contains a rechargeable BATTERY. The BATTERY is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this BATTERY into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

HANDSET Controls



HANDSET Controls

HANDSET ANTENNA

Large LCD Screen - Shows call information, phone status, prompts and directory items.

MSG Waiting LED Indicator - Red LED blinks when you have new message(s).

PROG/SCAN Button - While in standby mode, this button allows you to set the handset in Function Programming mode. While in Talk mode, it is used to manually select one of the 40 operating channels when you experience interference on the handset.

HANDSET Controls

TALK Button - Press this button to place a call, answer a call, or end a call.

OPTION Button - During you view the caller list, press to place a long distance call or to place a local call.

Calls Button- Press to see the caller list.

DIR Button- Allows you to retrieve a memory (name and phone number) from the personal directory (up to 40 memories)

SAVE Button- Saves the changes on the listed items.

UP/DOWN(Volume Control) Button - Allows you to adjust the handset volume (3 steps) in TALK mode,
(UP/DOWN- To view the caller list or/and directory.)

Headset Jack - A jack located on the side of the handset used for connecting your headset to enjoy a hands-free communication.

FLASH/EDIT Button- (Flash) Momentarily hangs up the phone to access custom calling features such as Call waiting or Three-way calling provided by your local phone company. (EDIT) Press to edit listed items.

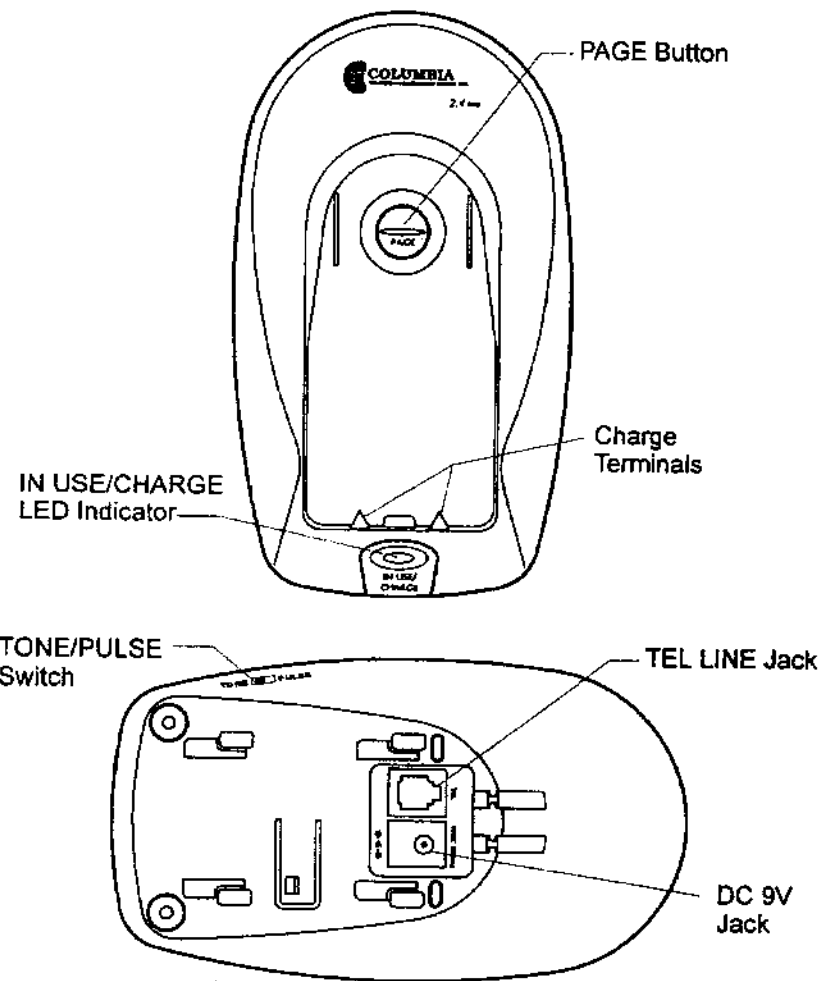
Redial/Pause(RE/PA)/DEL Button- (Redial) Press to redial the last number you dialed. (Pause) Press to insert pause while dialing. (Delete) Press and hold down to delete items.

SHIFT LEFT and RIGHT Buttons- Press to move around the large LCD Screen.

Charge Contacts - For charging the handset battery pack. We recommend that you clean these contacts periodically with an alcohol-moistened cloth or cotton swab.

Temporary TONE (*) Button - Press 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. After you put back the handset to the base, or "flash" button is pressed, the unit will return to "pulse" mode position.

BASE UNIT Controls



Base Unit (Bottom View)

IN USE/CHARGE LED Indicator: (IN USE) Lights up to indicate that the **HANDSET** is in TALK mode. (CHARGE) Lights up when the **HANDSET** is placed on the **BASE UNIT** for charging.

PAGE Button: Press to page the **HANDSET**.

CHARGE TERMINALS: For charging the **HANDSET BATTERY PACK**. For best performance, clean the **CHARGE TERMINALS** periodically with a damp cloth.

IMPORTANT

Placing your **BASE UNIT** near appliances such as televisions, refrigerators, radios, or microwave ovens may cause interference.

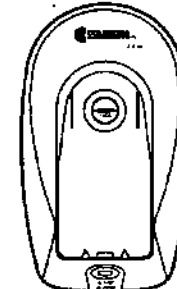
Connecting Your Phone

This section is a reference guide to the basic functions and operations of your cordless telephone. For more detailed descriptions of the operations and features of this telephone, refer to the Contents on page 1.

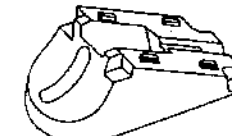
1. Carefully remove your cordless telephone from its shipping carton. If there is any visible damage, do not attempt to operate this equipment. Return it to the place of purchase.
2. Check to be sure you have all items that come with this cordless telephone system. You should have a **HANDSET**, **BASE UNIT**, **AC ADAPTOR**, **3 AAA BATTERIES**, **MOUNTING BRACKET**, **TELEPHONE LINE CORD**, **SHORT TELEPHONE LINE CORD**, **BELT CLIP** and **Owner's Manual**.



HANDSET



BASE UNIT



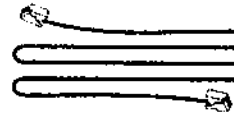
MOUNTING BRACKET



BATERIES



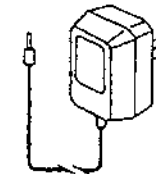
BELT CLIP



TELEPHONE LINE CORD

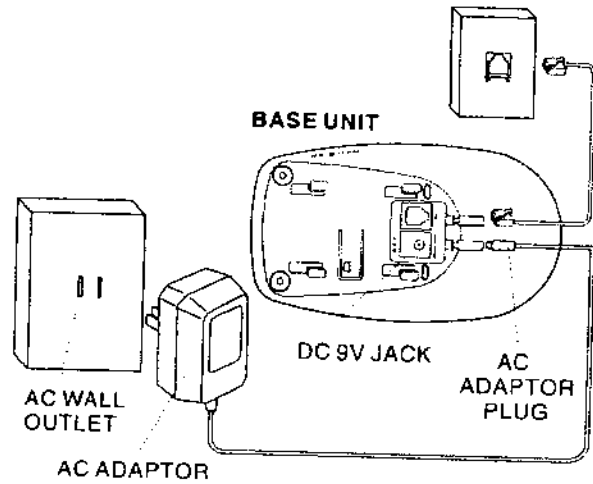


SHORT TELEPHONE LINE CORD



AC ADAPTOR

3. Insert the small plug on the end of the **AC ADAPTOR** into the **POWER-IN CONNECTION JACK** at the back of the **BASE UNIT**.
4. Plug the **AC ADAPTOR** into a 120V AC wall outlet.
 ⚠ **USE ONLY WITH CLASS 2 POWER SOURCE 9V DC, 300mA.**
5. Insert one plug of the **TELEPHONE LINE CORD** into the **handset TELEPHONE JACK** and the other end into the **TELEPHONE LINE CONNECTION JACK** at the back of the **BASE UNIT**. (If you have an older 4-prong **TELEPHONE JACK**, you will need an **RJ-11C TELEPHONE JACK ADAPTOR**. This adaptor is available at the same place you purchased your telephone.)
6. We recommend not placing this unit next to appliances. Doing so may cause interference.

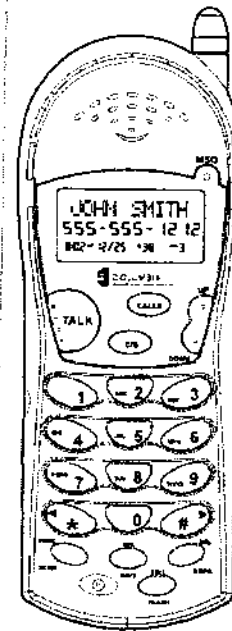
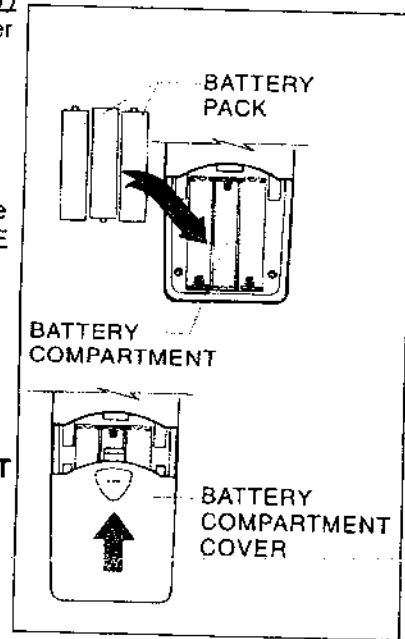


7. BATTERY INSTALLATION (HANDSET)

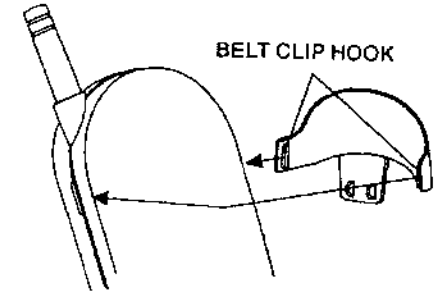
Remove the battery compartment cover of the handset by pressing the top of the cover and sliding it down. Connect the rechargeable batteries.

8. TONE/PULSE Select Switch:

- A. If your home is equipped with a tone dialing system, set the TONE/PULSE Select Switch to the TONE position.
- B. If you have a rotary dialing system, set the TONE/PULSE Select Switch to PULSE position.
- C. If you are unsure which system you have, set the TONE/PULSE Select Switch to the TONE position. Press the **[MUTE]** button on the **HANDSET** to get a dial tone, and press any button on the **KEYPAD** except the zero. If the dial tone continues, it means that you do not have TONE dialing service. Press the **[TALK]** button on the **HANDSET** to hang up. Set the TONE/PULSE Select Switch to the PULSE mode and then try again.



Press the **[MUTE]** button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 7. If you still do not have a dial tone, refer to the Problem Solving section on pages 31.



With the back of the **HANDSET** facing up, insert one side of the **BELT CLIP HOOK** into the matching slot at the top side of the **HANDSET**. Press down on the opposite side of the **BELT CLIP** until the other hook locks into the slot on the side of the **HANDSET**.

- 9. Before initial use, charge the **HANDSET** for 12 hours.
- 10. Set the date and time. (see page 26)

You are now ready to use your new Cordless Telephone.

IMPORTANT

In order to utilize the Caller ID feature, you must subscribe to Caller ID service from your local telephone company.

Desk Mounting

Desk Mounting

One of the special features of your telephone is the unique design of the MOUNTING BRACKET which can hold your phone at an angle of 30° when desk mounting. There are two positions to choose from:

- 1. NORMAL POSITION (MOUNTING BRACKET not required):
For normal position, as shown in Figure 1, place the **BASE UNIT** on any desired but suitable location.

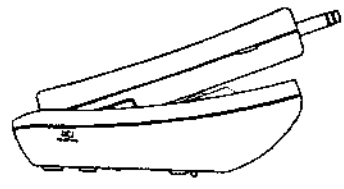


Figure 1

- 2. 30° POSITION (See Figure 2):
With the back of the **BASE UNIT** facing up, insert the hooks of the MOUNTING BRACKET (following the arrow direction for the DESK MOUNT) into the matching slots of the **BASE UNIT** (as shown in Figure 3). Then slide the MOUNTING BRACKET into place as indicated by the arrow.

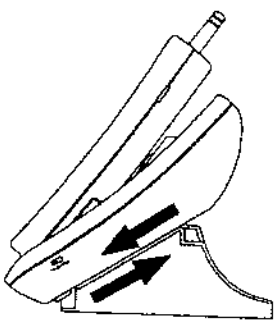


Figure 2

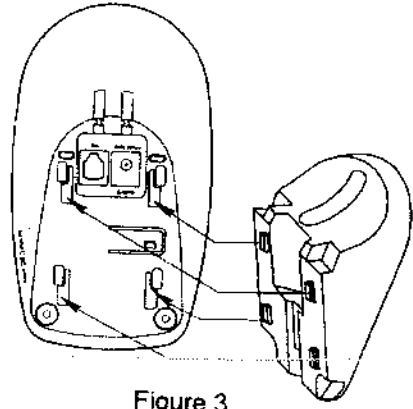


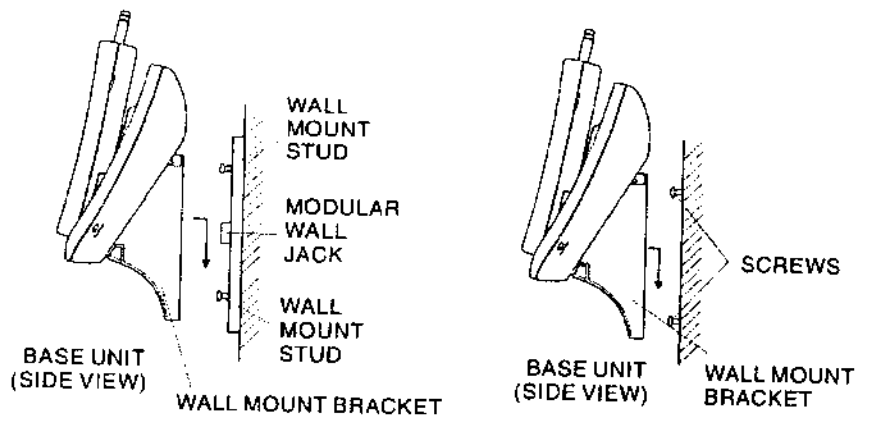
Figure 3

Wall Mounting

Wall Mounting

You may choose to put the **BASE UNIT** of your cordless telephone on a wall.

- 1. With the back of the **BASE UNIT** facing up, connect the **SHORT TELEPHONE LINE CORD** to the **TELEPHONE LINE CONNECTION JACK**.
- 2. Insert the free end of the **SHORT TELEPHONE LINE CORD** through the hole of the **MOUNTING BRACKET**.
- 3. Insert the hooks of the **MOUNTING BRACKET** (following the arrow direction for the **WALL MOUNT**) into the matching slots of the **BASE UNIT** (as shown below). Then slide the **MOUNTING BRACKET** into place as indicated by the arrow. Plug the free end of the **SHORT TELEPHONE LINE CORD** into the **MODULAR WALL JACK**.
- 4. Align the upper keyhole on the **MOUNTING BRACKET** with the upper stud of the wall plate, so that the opening end of the **MOUNTING BRACKET** matches the lower stud, then pull the **BASE UNIT** down until it is securely seated.



Preparing for Use

Before you can use your cordless telephone, you must charge the **HANDSET** for 12 hours. Failure to do so will require recharging of the **BATTERY** more often.

1. Place the **HANDSET** on the **BASE UNIT** for 12 hours.
2. After 12 hours, remove the **HANDSET** from the **BASE UNIT**.

*Before you can use your cordless telephone, you must charge the **HANDSET** for 12 hours. Failure to do so will require more frequent charging of the **BATTERY**.*

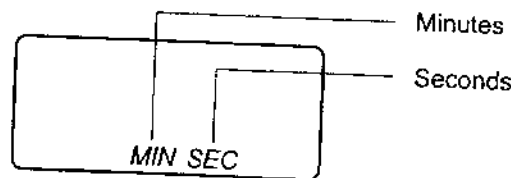
NOTE:

Depending on the frequency of use, once the **HANDSET** is fully charged, it remains functional for approximately 5 hours of continuous use and approximately 6 days when the **HANDSET** is off the **BASE UNIT** in **STANDBY** mode.

Receiving Calls

1. When the phone rings, lift the **HANDSET** and press the **TALK** button. The **BASE UNIT IN USE LED** indicator will light up.
2. Start your conversation.
3. To end your conversation, either press the **TALK** button or place the **HANDSET** on the **BASE UNIT**. If you place the **HANDSET** on the **BASE UNIT** charge cradle, you activate the automatic **STANDBY** feature.

NOTE: The Call Timer will start to count once you press the **TALK** button.



Call Timer Display

IMPORTANT

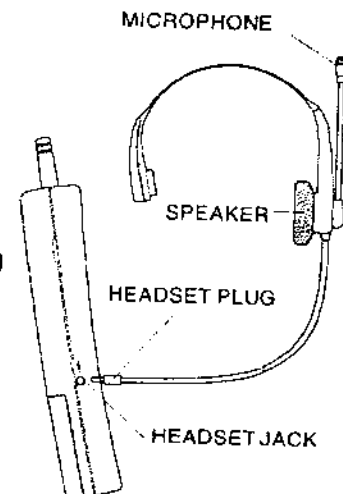
The **AC ADAPTOR** must always be plugged into an electrical outlet.

Placing Calls

1. Press the **TALK** button, the Call Timer starts to count. The **BASE UNIT IN USE LED** indicator will light up.
2. Listen for a dial tone.
3. Dial the phone number.
4. When you have finished your call, press the **TALK** button again or place the **HANDSET** on the **BASE UNIT**. The **BASE UNIT IN USE LED** indicator will turn off.

Using the Headset Feature

Your telephone can utilize a headset (not included) to be connected to your **HANDSET** for you to enjoy hands-free communication. Insert the small plug at the end of the headset into the **HEADSET JACK** at the right side of the **HANDSET**. Follow the procedures discussed in "Receiving Calls" and "Placing Calls" to receive and place a call.

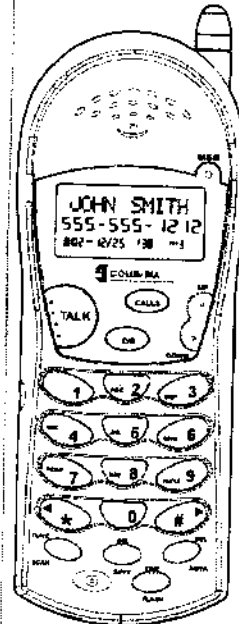


NOTE: When you plug in the headset plug into the **HEADSET JACK** it automatically mutes the **MICROPHONE** and **SPEAKER** of the **HANDSET**. Unplug the headset to return the **HANDSET** to normal use.

Headsets are available at most retail outlets that sell telephone equipment. The **HEADSET JACK** is compatible with 2.5 mm headset plugs only.

Redial Feature

1. If you get a busy tone, press the **TALK** button or place the **HANDSET** on the **BASE UNIT** to hang up.
2. Later, press the **TALK** button again.
3. Listen for a dial tone.
4. Press the **CALL** button. This will automatically redial the last telephone number you called.
5. When you have finished with your call, press the **TALK** button again or place the **HANDSET** on the **BASE UNIT**. The **BASE UNIT IN USE LED** indicator will turn off.



NOTE:

If you are too far away from the **BASE UNIT**, the **HANDSET** emits "beep" sounds to warn you that the background noise level is too high for proper communication between the **HANDSET** and the **BASE UNIT**. When you hear this sound, you should move closer to the **BASE UNIT** to reduce the noise level. Otherwise, the call will automatically cut off.

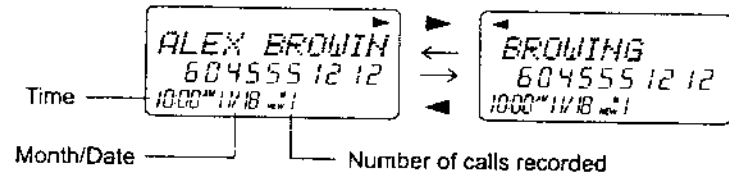
Caller ID System

This telephone automatically displays incoming caller's name and telephone number together with the date and time of the call. It records up to 40 calls and stores the data in Memory.

IMPORTANT: You must subscribe to the Caller ID service from your local telephone company to utilize this feature.

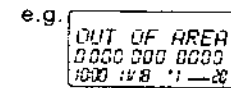
Viewing Caller Information During Incoming Calls

When there is an incoming call, the name and the telephone number of the caller will automatically appear after the first ring. Press the **SHIFT RIGHT** button to view a name of more than 11 digits.

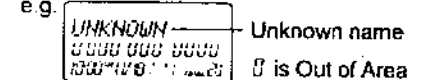


OR
 Caller's telephone number will appear if the caller's name is not available.

OR
 "OUT OF AREA" will appear if the origin of the incoming call does not support the Caller ID system.



OR
 "UNKNOWN" will appear if the origin of the incoming call has no name and does not support the Caller ID system.



OR
 "PRIVATE" and/or "P-- --- ----" will appear if the caller's name and/or telephone number is blocked.

OR
 "ERROR" will appear if the wrong data was received from the telephone line.

OR
 The name stored in the **DIRECTORY** will appear for an incoming call with matching telephone numbers.

"MSG waiting" (Message Waiting)

The **MSG WAITING LED** indicator will blink when there is a message for you from your telephone company if you have subscribed to Voice Mail message service and if you have requested Visual Message Indication from your local telephone company. "MSG" will appear on the LCD Screen in **STANDBY** mode. (To remove the **MESSAGE WAITING** indicator, see page 28 for detail.)

Caller ID System Operation

Call Waiting

When you subscribe to Call Waiting service from your local telephone company, this telephone will display the name and number of the second caller while you are having a conversation.

1. When you are having a conversation, this telephone will automatically display the name and number of the second caller.
2. Press the **CALLS** button to answer the second caller. The first caller's name and number will be displayed.
3. When you have finished, press the **FLASH** button to continue with your conversation with the first caller.

e.g.

JIM CARRY
800-2-10-8950
00 MIN 18 SECL2
2'ND CALLER

e.g.

ALEX BROWN
804-555-1212
00 MIN 18 SEC
1'ST CALLER

"CALL-FWD" (Forwarded Call)

Appears on the upper left hand side, when the incoming call has been assigned to your telephone number.

"L-D-C" (Long Distance Call)

Appears on the upper left hand side, when the incoming call is a long distance call and the service is provided by your local telephone company.

Caller List

Records call information for up to 40 incoming calls such as caller's name and telephone number together with the date and time of the call. After recording a new incoming call, the NEW CALL indicator will blink and the display will look as shown below:

RING: ON
1000 11/8 ... 20 ... 20

No. of new calls
Maximum calls = 40

Viewing the Caller List

1. Press **CALLS** button, then press the **DOWN** button to view the latest record, or press the **UP** button to view the first record, press the **SHIFT RIGHT** button if the name has more than 11 digits.

ALEX BROWN 604555 12 12 1000 11/8	← →	BROWING 604555 12 12 1000 11/8
---	-----	--------------------------------------

2. Press the **DIR** button to go back to STANDBY mode.
(If no active buttons are pressed for 20 seconds or you have viewed the last record in the Caller's List, the LCD Screen will automatically return to STANDBY mode.)

Caller ID System Operation

Placing a Call from the Caller List

1. Press the **CALLS** button
2. Press the **DOWN** button to select from the latest record, or press the **UP** button to select from the first record.
3. Press the **OPTION** button to select call number
Press **OPTION** button key for
 - i. If area code matched, Press **OPTION** key;
 - a. One time to dial 7 digits
 - b. Two times to dial 10 digits
 - c. Three times to dial area code + 7 digits
 - d. Four times to dial 1 + area code + 7 digits
 - ii. If area code does not matched, Press **OPTION** key;
 - a. One time to dial 10 digits.
 - b. Two times to dial 1 + 10 digits
4. Press **TALK** to start conversation.
5. To end your conversation, either press the **END** button or place the **HANDSET** on the **BASE UNIT**.

To place a call from the Caller List in TALK mode, press the **CALLS** button, then follow steps 1 to 3.

Editing the Caller List before Dialing

1. Press the **UP** or **DOWN** button to find the caller.
2. Press the **EDIT** button.
3. Move the cursor by pressing and hold the **SHIFT LEFT** or **RIGHT** button around 2 seconds to the digit you want to change. To erase digits, press and hold the **DEL** button around 2 seconds. To add digits, use the **TELEPHONE KEYPAD** (0-9) buttons.

Saving the Name and Number in the Caller List into the DIRECTORY

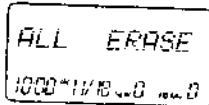
1. Press the **UP** or **DOWN** button to find the caller.
2. Press and hold down the **SAVE** button.

NOTE: It is not advisable to save a telephone number without the corresponding name. This will lead to improper display on Private and Out of Area calls.

Caller ID System Operation

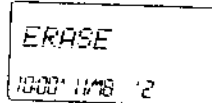
Deleting All Records in the Caller List

1. Press the **CALLS** button at standby mode.
2. Press and hold the **DEL** button around 2 seconds.
3. The LCD Screen will automatically return to STANDBY mode.



Selective Deleting in the Caller List

1. Press the **UP** or **DOWN** button to find the caller at STANDBY mode.
2. Press and hold down the **DEL** button, then the LCD Screen will display the next item in the directory.
3. Press the **DIR** button to return to STANDBY mode.

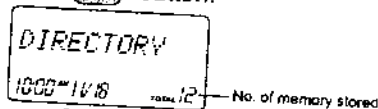


Name and Telephone Number DIRECTORY

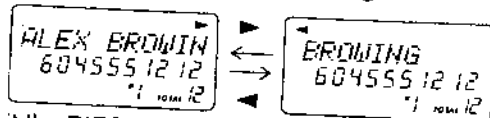
This DIRECTORY lets you scroll through the list to find the person you need for one touch dialing. You can store up to 40 names and telephone numbers in the Memory.

Viewing the DIRECTORY

1. Press the **DIR** button.



2. Press the **UP** or **DOWN** button to find the one you need, press the **SHIFT RIGHT** button if the name or telephone number is more than 11 digits.



NOTE: To exit the DIRECTORY List at anytime, press the **DIR** button.

Speed Viewing the DIRECTORY

1. Press the **DIR** button.
2. Enter the first letter of a name. (See page 30 for detail of entering a letter)
3. Press the **DOWN** button to find all names with the same first letter.

Caller ID System Operation

Saving in the DIRECTORY

1. Press the **DIR** button.
2. Press the **EDIT** button.
3. Use the TELEPHONE KEYPAD button (0-9) to enter the name, (see page 30 for detail) you can store up to 15 characters.
4. Press the **DOWN** button once.
5. Enter the telephone number using the TELEPHONE KEYPAD button (0-9). You can store up to 16 digits.
6. Press and hold down the **SAVE** button.
7. Press the **DIR** button to go back to STANDBY mode. (If no active buttons are pressed for 20 seconds, the LCD Screen will automatically return to STANDBY mode.)

NOTE: It will not save a duplicate telephone number or a name without the corresponding telephone number in the DIRECTORY.

PREFERRED CALLS (VIP)

You can assign PREFERRED CALL which will generate a special ringer sound at the start of the second ring to any welcome caller in the directory. When you are saving the name and number into the directory, press the **PROG** button once.

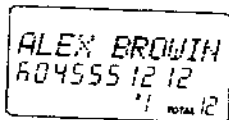
BLOCKED CALLS

You can assign a BLOCKED CALL which will disable the ringer sound from the second ring to any caller in the directory. When you are saving the name and number into the directory, press the **PROG** button twice.

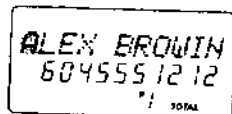
Caller ID System Operation

Editing Name and Number in the DIRECTORY

1. Press the **DIR** button.
2. Press the **UP** or **DOWN** button to find the one you want to edit.

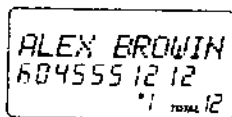


3. Press the **EDIT** button to edit the name.



... cursor is blinking

4. Press and hold the **SHIFT LEFT** or **RIGHT** button to move the cursor to the letter or number you want to change.
To erase, press the **DEL** button.
To add, use the **TELEPHONE KEYPAD** buttons (0-9).
(see page 30 for details.)
5. Press the **UP** or **DOWN** button to edit the number.
6. Press and hold the **SHIFT LEFT** or **RIGHT** button to move the cursor to the number you want to change.
To erase, press the **DEL** button.
To add, use the **TELEPHONE KEYPAD** buttons (0-9).
(See page 30 for details.)
e.g.



... cursor is blinking

7. Press and hold down the **SAVE** button to confirm.

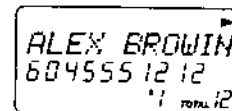
IMPORTANT: It is not advisable to save a telephone number without the corresponding name in the DIRECTORY. This will lead to improper displays on Private and Out of Area calls

NOTE: When no active buttons are pressed for 20 seconds, the LCD Screen will automatically return to STANDBY mode.

Caller ID System Operation

Editing the Number in the DIRECTORY before Dialing

1. Press the **DIR** button.
2. Press the **UP** or **DOWN** button to find the caller.
3. Press the **EDIT** button to edit the name.
4. Press the **DOWN** button.
e.g.



... cursor is blinking

5. Press and hold the **SHIFT LEFT** or **RIGHT** button to move the cursor to the number you want to change.
To erase, press the **DEL** button.
To add, use the **TELEPHONE KEYPAD** buttons.
6. Press the **OPTION** button to select call number.
7. To end your conversation, either press the **END** button or place the **HANDSET** on the **BASE UNIT**.

NOTE: If you want to save the edited number in the directory, follow steps 1 through 5 and then press and hold down the **SAVE** button.

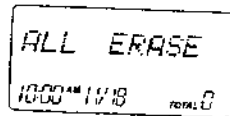
Caller ID System Operation

Placing Calls from the DIRECTORY

1. Press the button.
2. Press the or button to find the one you want to call.
3. Press the button to select call number.
4. Press to start conversation.
5. To end your conversation, either press the button or place the **HANDSET** on the **BASE UNIT**.

Deleting All Records in the DIRECTORY

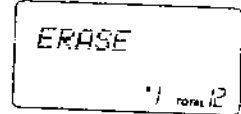
1. Press the button.
2. Press and hold down the button at STANDBY mode.



3. Press the button to return to STANDBY mode.

Selective Deleting in the DIRECTORY

1. Press the button.
2. Press the or button to find the one you want to delete.
3. Press and hold down the button, then the LCD Screen will display the next item in the directory.



4. Press the button to return to STANDBY mode.

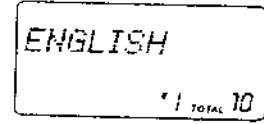
Caller ID System Operation

Function Operation

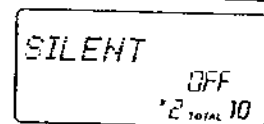
This unit contains the following special functions:

- | | |
|------------------|----------------|
| A. LANGUAGE | F. PBX NUMBER |
| B. SILENT ON/OFF | G. PBX MODE |
| C. TIME SET | H. PAUSE TIME |
| D. AREA CODE | I. MSG WAITING |
| E. LCD CONTRAST | J. RING ON/OFF |

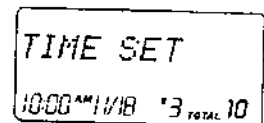
To access, press the button at standby mode, then press the TELEPHONE KEYPAD (1-9) or the or button.



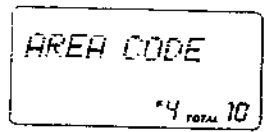
KEYPAD Button # 1



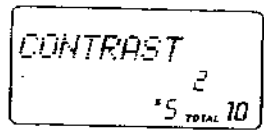
KEYPAD Button # 2



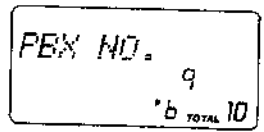
KEYPAD Button # 3



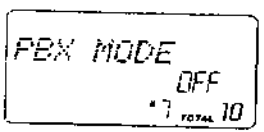
KEYPAD Button # 4



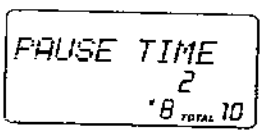
KEYPAD Button # 5



KEYPAD Button # 6



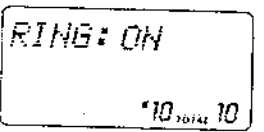
KEYPAD Button # 7



KEYPAD Button # 8



KEYPAD Button # 9



KEYPAD Button # 0

IMPORTANT
In order to utilize the Caller ID feature, you must subscribe to Caller ID service from your local telephone company.

Caller ID System Operation

A. LANGUAGE

This telephone offers English, Spanish and French languages for your convenience.

1. Press the [] button.
2. Press the TELEPHONE KEYPAD #1 button.
3. Press the [] button.
4. Press the [] or [] button to select the language you desire. English is the preset language.
5. Press and hold down the [] button.
6. Press the [] button to go back to standby mode.

B. SILENT ON/OFF

This telephone will generate the first ring sound even in the BLOCKED CALL mode to indicate that you have an incoming call. To keep silent in BLOCKED CALL mode, you can turn off the first ring sound.

1. Press the [] button.
2. Press the TELEPHONE KEYPAD #2 button.
3. Press the [] button.
4. Press the [] or [] button. SILENT OFF is the preset mode.
5. Press and hold down the [] button.
6. Press the [] button to go back to standby mode.

C. TIME SET

Set the date and time.

1. Press the [] button.
2. Press the TELEPHONE KEYPAD #3 button.
3. Press the [] button.
4. Use the TELEPHONE KEYPAD button to enter the month, date, hour and minute. The cursor moves automatically after entering each item. Press the TELEPHONE KEYPAD #1 for AM setting, or press the TELEPHONE KEYPAD #2 for PM setting.
5. Press the [] button to go back to STANDBY mode.

NOTE: The date and time will automatically set, if you have subscribed to the Caller ID service from your local telephone company.

Caller ID System Operation

D. AREA CODE

1. Press the [PROG] button.
2. Press the TELEPHONE KEYPAD #4 button.
3. Press the [EDIT] button.
4. Use the TELEPHONE KEYPAD button to enter the AREA code.
5. Press and hold down the [SAVE] button.
6. Press the [PROG] button to go back to STANDBY m.

E. LCD CONTRAST

This unit enables you to select 3 brightness levels for the Large LCD display.

1. Press the [PROG] button.
2. Press the TELEPHONE KEYPAD #5 button.
3. Press the [EDIT] button.
4. Press the [UP] or [DOWN] button to adjust the brightness of the display. Level 2 is the preset brightness.
5. Press and hold down the [SAVE] button.
6. Press the [PROG] button to go back to STANDBY mode.

F. PBX NUMBER

This unit enables you to preset the PBX number (such as an 8 or 9) while you are using a switchboard system.

1. Press the [PROG] button.
2. Press the TELEPHONE KEYPAD #6 button.
3. Press the [EDIT] button.
4. Press the [UP] or [DOWN] button. (9 is the preset PBX number.)
5. Press and hold down the [SAVE] button.
6. Press the [PROG] button to go back to STANDBY mode.

Caller ID System Operation

G. PBX MODE

This unit enables you to turn ON/OFF the PBX system depending on the telephone system you are using.

1. Press the **STOP** button.
2. Press the TELEPHONE KEYPAD #7 button.
3. Press the **STOP** button.
4. Press the **STOP** or **DOWN** button.
PBX MODE OFF - set for direct line access. The preset PBX mode is OFF.
PBX MODE ON - When connected to a switchboard system.
5. Press and hold down the **STOP** button.
6. Press the **STOP** button to go back to STANDBY mode.

NOTE: When placing a call in PBX mode ON, this telephone will automatically add the PBX number and a pause time before the dialed telephone numbers.

H. Pause TIME

This unit enables you to adjust the pause time when placing a call using a switchboard system or dialing long distance calls.

1. Press the **STOP** button.
2. Press the TELEPHONE KEYPAD #8 button.
3. Press the **STOP** button.
4. Press the **STOP** or **STOP** button to adjust the pausing time.
The preset pause time is 2 seconds.
5. Press and hold down the **STOP** button.
6. Press the **STOP** button to go back to STANDBY mode.

I. MSG Waiting (Message Waiting)

To turn off the Message Waiting LCD/LED indicator.

1. Press the **STOP** button.
2. Press the TELEPHONE KEYPAD #9 button.
3. Press the **STOP** button.
4. Press and hold down the **STOP** button, the Message Waiting LCD/LED indicator turn off.
6. Press the **STOP** button to go back to STANDBY mode.

IMPORTANT: Message Waiting LCD/LED indicator will automatically turn on, if you have subscribed to Voice Mail message service and if you have Visual Message Indication from your local telephone company.





Caller ID System Operation

TELEPHONE KEYPAD Characters

The TELEPHONE KEYPAD buttons (1~9) are used to enter the characters when entering names. Press the appropriate KEYPAD button to get the following characters.

KEYPAD BUTTONS	CHARACTERS
1	SPACE & ' () * . 1
2	ABC2
3	DEF3
4	GHI4
5	JKL5
6	MNO6
7	PQRS7
8	TUV8
9	WXYZ9
*	*
0	0
#	#

For example, if you want to enter the character "C", press the "2" KEYPAD button, the first character displayed will be "A". Press the "2" button again to display "B", and press again to display the letter "C".

To enter the next character, press the appropriate button. If, however, the next character is on the same button as the previous character, you will first need to press and hold(2 seconds) the SHIFT RIGHT  button. Pressing the and holding SHIFT RIGHT  button a second time will produce a space. If you want to change any character, you can go back to the incorrect character by pressing and holding(2 seconds) the SHIFT LEFT  button. To delete the character inside the cursor , press and hold the **DEL** button.

Security

Security System

Your cordless telephone uses a digital coding security system to prevent unauthorized use of your telephone line by another nearby cordless telephone. The system has its own identifying signal created by microcomputers in both the **BASE UNIT** and **HANDSET**.

Security Code

This telephone has an internal security code with 65,536 possible combinations.


Resetting Security Code and Channel Information

Communication between **HANDSET** and **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**.

To reset, place the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds.

Multi-Channel Access

Your cordless telephone lets you select a channel from the 40 frequencies available to transmit signals between the **BASE UNIT** and **HANDSET**. When you notice interference from other cordless telephones, change to another channel by pressing the  button on the **HANDSET**.

Problem Solving

Problem Solving Section

For your assistance, we have listed below a few common problems.

Phone does not work, check the following:

1. **BASE UNIT** is plugged into power source.
2. **HANDSET** is charged.
3. **TONE/PULSE** switch is in the right position.
4. **TELEPHONE LINE CORD** is plugged into the telephone jack.


No dial tone, check the following:

1. **TELEPHONE LINE CORD** plugs are connected to the **TELEPHONE JACK** and **TELEPHONE LINE CONNECTION JACK**.
2. **BASE UNIT** is plugged into power source.
3. If you had a power failure or had unplugged the **BASE UNIT**, replace the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds to reset the system.

Received signal flutters or fades, check the following:

1. **BATTERY** in **HANDSET** is fully charged.
2. **HANDSET** is not too far from the **BASE UNIT**.

Interference on reception, check the following:

1. Noise may be picked up from electrical products in the home or electrical storms. Generally, this noise is a minor annoyance and should not be interpreted as a defect in your system.
2. Choose an alternate channel using the  button on the **HANDSET**.

Long Distance "L-D-C" indicator is not ON when receiving long distance call, check the following:

1. Your local telephone company can provide the Area Code on an incoming long distance call.

If after pressing the button, you receive three "beeps" and no dial tone, check the following:

1. **BASE UNIT** is plugged into power source.
2. If you had a power failure or had unplugged the **BASE UNIT**, replace the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds to reset the system.

NOTE:

If none of the telephones in the house are working, disconnect one set at a time to verify that none of the phones are causing the problem. If you still have a problem after doing this, and your telephone still does not work, please contact your local phone company.

Technical Information

Technical Information

This cordless telephone 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

Electrical pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electrical 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 frequency is used, the location of the **BASE UNIT** can affect the operating range. Try several locations in your home or office and pick the one that gives you the clearest signal to the **HANDSET**.

Interference

Electronic circuits activate a relay to connect the cordless telephone to your telephone line. These electronic circuits operate in the radio frequency spectrum. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals enter the **BASE UNIT**. You may hear clicks or hear the relay activate while you are not using the **HANDSET**. If the interference occurs frequently, it can be minimized or eliminated by lowering the height of your **BASE UNIT ANTENNA** or by relocating the **BASE UNIT**. You can check for interference before selecting the final **BASE UNIT** location by plugging in the telephone.

NOTICE:

This cordless telephone uses radio communication between the **HANDSET** and the **BASE UNIT** 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 may be accessed by other radio communication systems. Cordless telephones must not cause interference to any licensed radio service.

FCC Requirements



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 REN's 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 provided advance notice as give you an opportunity to maintain uninterrupted service.
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.)
7. A FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See Installation Instructions for details.
8. Please follow instructions for repairing if repairing if any (e.g. battery replacement section), otherwise do not alternate or repair any parts of device except specified.
9. The USOC number of the registration jack for this equipment is RJ11C.

IMPORTANT

In order to get maximum life from the **HANDSET BATTERY PACK**, be sure to charge the **HANDSET** for 12 hours before initial use.

FCC Requirements



INDUSTRY CANADA CERTIFIED

RINGER EQUIVALENCE NUMBER

NOTICE: The ringer equivalence number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the ringer equivalence numbers of all the devices does not exceed 5.

INDUSTRY CANADA

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 approved method of connection. The customer should be aware that compliance with the above repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alteration 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.

FCC Requirements

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 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.

Changes or modifications not expressly approved in writing by Columbia Telecommunications Inc. 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. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

If trouble is experienced with this equipment, for repair or warranty information, please contact service center at the below. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Service can be obtained at:

Columbia Telecommunications Inc.
174 Milbar Blvd. Farmingdale, NY 11735
Tel: 631-501-5000



AC ADAPTOR: Use only with class 2 Power Source, 9V DC output, 300mA, center pin positive.