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Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock and/or injury, always follow these basic safety precautions when using your cordless telephone equipment.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the telephone.
3. Unplug this telephone from the wall outlet before cleaning or replacing the BATTERY PACK. Do not use liquid cleaners or aerosol cleaners on the telephone. Use a damp cloth for cleaning.
4. Do not use this telephone near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Place this telephone on a stable surface. Serious damage and/or injury may result if the telephone falls.
6. Do not cover the slots and openings on this telephone. This telephone should not be placed near or over a radiator or heat register. This telephone should not be placed in a built-in installation unless proper ventilation is provided.
7. Operate this telephone using the electrical voltage as stated on the **BASE UNIT** of the telephone or in the Owner ' s Manual. If you are not sure of the voltage in your home, consult your dealer or local power company.
8. Do not place anything on the power cord. Install the telephone where no one will step or trip on the cord.
9. Do not overload wall outlets or extension cords as this can increase the risk of fire or electric shock.
10. Never push objects of any kind through the slots in the telephone. They could 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 telephone.
11. To reduce the risk of electric shock, do not disassemble this telephone. Take it to a qualified serviceman when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the telephone is subsequently used.
12. Unplug this telephone from the wall outlet and consult a qualified service representative in any of the following situations:
 - A. When the power supply cord is frayed or damaged.
 - B. If liquid has been spilled into the telephone.
 - C. If the telephone has been exposed to rain or water.
 - D. If the telephone does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the telephone to normal operation.

Safety Instructions

- E. If the telephone has been dropped or the case has been damaged.
- F. If the telephone exhibits a distinct change in performance.
- 13. Do not use the telephone to report a gas leak in the vicinity of the leak.
- 14. Never install telephone wiring during a lightning storm.
- 15. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- 16. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- 17. Use caution when installing or modifying telephone lines.

Battery Safety

CAUTION:

Danger of explosion if the BATTERYPACK is replaced with incorrect type. Replace only with the same or equivalent type. To reduce the risk of fire or personal injury, read and follow these instructions:

1. Use only the following type and size of BATTERY PACK:
Cordless Telephone BATTERY PACK
3.6V, 600mAh
U.S. Electronics Inc.
Ni-Cd BATTERYPACK: Model B650
(See page 29 for ordering information.)
2. Do not dispose of the BATTERYPACK in a fire. The BATTERYPACK may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the BATTERY PACK. Released electrolyte is corrosive and may cause damage to the eyes or skin. Electrolyte may be toxic if swallowed.
4. Exercise care in handling the BATTERY PACK to prevent shorting the BATTERY PACK with conductive materials such as rings, bracelets, and keys. The BATTERY PACK or conductor may overheat and cause burns.
5. Charge the BATTERY PACK provided with (or identified for use with) this telephone only in accordance with the instructions and limitations specified in this manual.
6. Observe proper polarity orientation between the BATTERY PACK and BATTERY CHARGER.

SAVE THESE INSTRUCTIONS

ATTENTION:

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

Getting Started

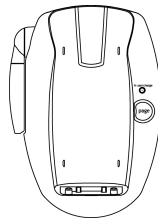
Connecting Your Phone

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.

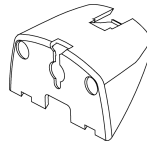
1. Carefully remove your cordless telephone from its shipping carton. If there is any visible damage, do not attempt to operate this equipment. Return it to the place of purchase.
2. Check to be sure you have all items that come with this cordless telephone system. You should have a **HANDSET**, **BASE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



HANDSET



BASE UNIT



**MOUNTING
BRACKET**



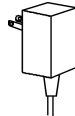
BELT CLIP



**TELEPHONE
LINE CORD**



**SHORT TELEPHONE
LINE CORD**



AC ADAPTER



**BATTERY
PACK**

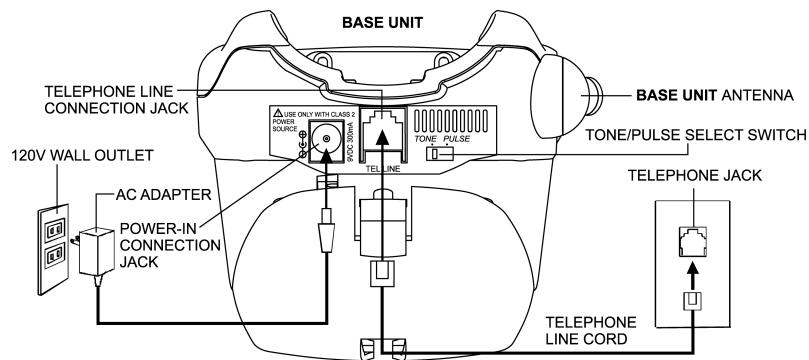
3. Insert the small plug on the end of the **AC ADAPTER** into the **POWER-IN CONNECTION JACK** at the back of the **BASE UNIT**.
4. Plug the **AC ADAPTER** into a 120V AC wall outlet.



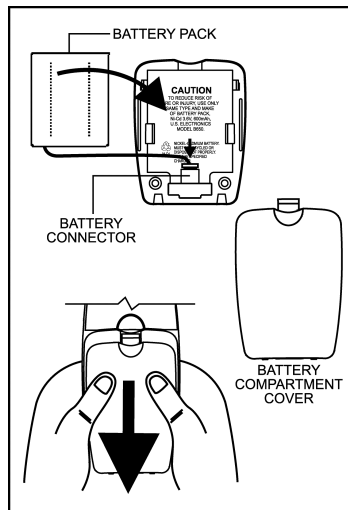
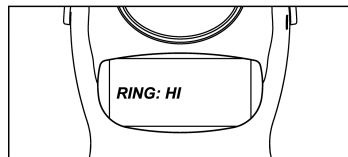
USE ONLY WITH CLASS 2 POWER SOURCE 9V DC, 300 mA.

5. Insert one plug of the **TELEPHONE LINE CORD** into the house **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 ADAPTER**. This adapter 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.

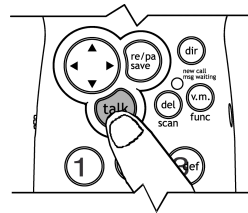
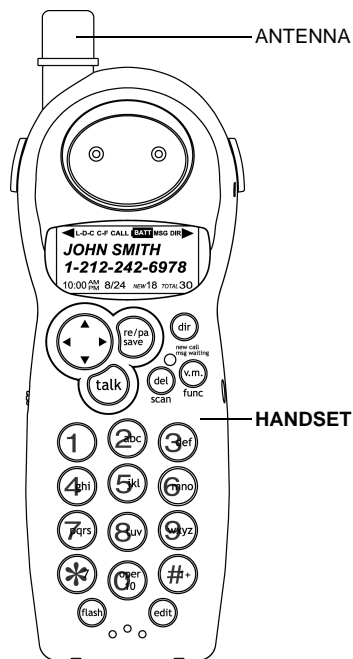
Getting Started



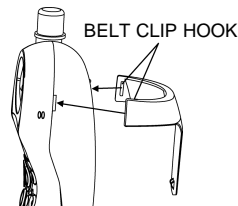
7. Install the BATTERYPACK by plugging it into the BATTERY CONNECTOR inside the BATTERY COMPARTMENT. The **HANDSET** LCD Screen will display "RING: HI".
8. Place the BATTERY PACK inside the BATTERY COMPARTMENT.
9. Slide the **HANDSET** BATTERY COMPARTMENTCOVER firmly into place in its closed position.
10. **IMPORTANT: Before initial use, charge the HANDSET for 12 hours. Do not charge the HANDSET with the KEYPAD face down.**
11. 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 the PULSE position.
 - C. If you are unsure which system you have, set the TONE/PULSE Select Switch to the TONE position. Press the **TALK** button on the **HANDSET** and make a call. If the call connects, leave the switch as is; otherwise set to the PULSE position.



Getting Started



Press the **TALK** button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 11. If you still do not have a dial tone, refer to the Problem Solving section on page 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**.

12. Set the date and time. (See page 23 for details.)

*You are now ready to use your new
XACT 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 when desk mounting or wall mounting.

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 2).

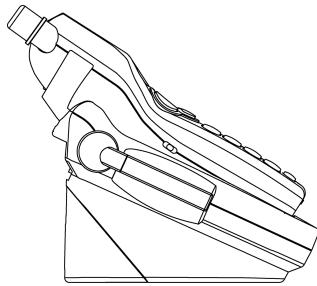


FIGURE 1

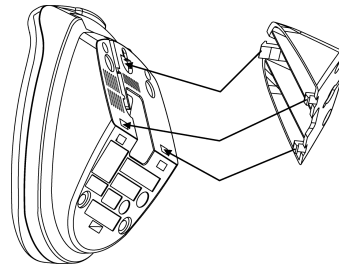


FIGURE 2

IMPORTANT: Attach the MOUNTING BRACKET when using your phone on a desk.

IMPORTANT

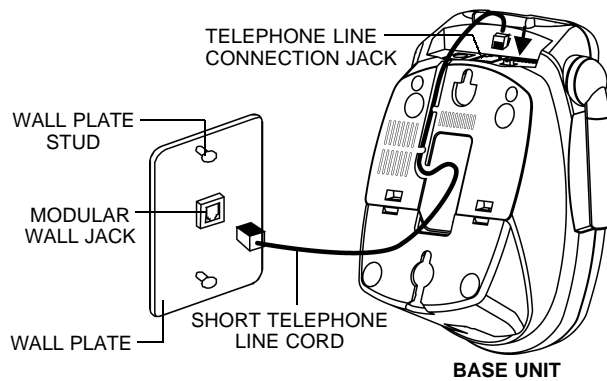
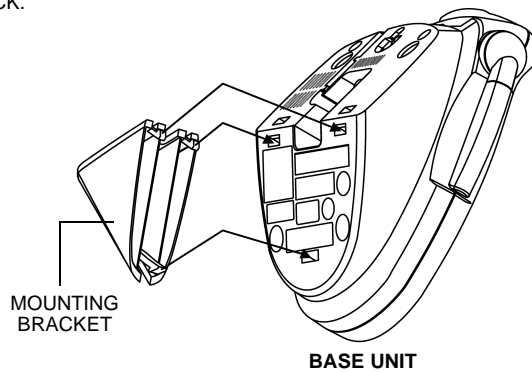
Placing your BASE UNIT near appliances such as televisions, refrigerators, radios, or microwave ovens may cause interference.

Wall Mounting

Wall Mounting

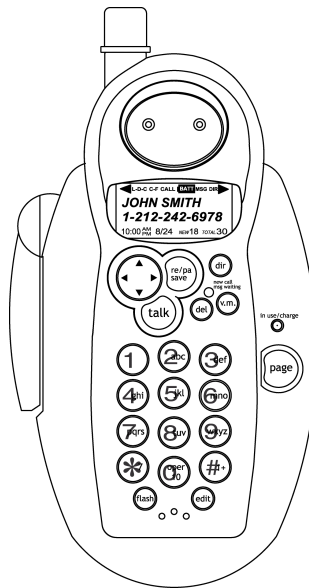
You may choose to put the **BASE UNIT** of your cordless telephone on a wall.

1. With the back of the **BASE UNIT** facing up, insert the hooks of the **MOUNTING BRACKET** (following the arrow direction for the **WALLMOUNT**).
2. Connect the **SHORT TELEPHONE LINE CORD** to the **TELEPHONE LINE CONNECTION JACK**.
3. Insert the free end of the **SHORT TELEPHONE LINE CORD** through the hole of the **MOUNTING BRACKET**.
4. Insert the hooks of the **MOUNTING BRACKET** into the matching slots of the **BASE UNIT** (as shown below). Then slide the **MOUNTING BRACKET** into place as indicated by the arrows. Plug the free end of the **SHORT TELEPHONE LINE CORD** into the **MODULAR WALL JACK**.



Wall Mounting

5. 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.



IMPORTANT: A “beep” will be heard when the **HANDSET** is properly positioned in the **BASE UNIT CHARGE CRADLE** and charging. Securely positioning the **HANDSET** in the **BASE UNIT** will also prevent the **HANDSET** from falling.

Cordless Telephone Operation

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 PACK** more often.

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

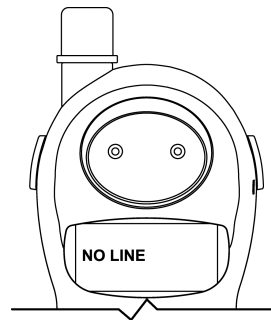
Before you can use your cordless telephone, you must charge the HANDSET for 12 hours. Failure to do so will require more frequent charging of the BATTERY PACK. See page 29 for more information on the BATTERY PACK.

NOTE:

Depending on the frequency of use, once the **HANDSET** is fully charged, it remains functional for approximately 4 hours of continuous use and approximately 5 days when the **HANDSET** is off the **BASE UNIT** in **STANDBY** mode.

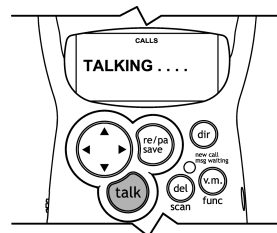
NO LINE Indicator

This telephone checks for an active **TELEPHONE LINE** connection. If "NO LINE" appears on the **LCD Screen**, when the **HANDSET** is in **STANDBY** mode, no calls can be made or received from this telephone. Check that the **TELEPHONE LINE CORD** plugs are connected to the wall **TELEPHONE JACK** and the **BASE UNIT TELEPHONE LINE CONNECTION JACK**. If "NO LINE" continues to be displayed, check that the other phones in the house are working. If none of the phones work, contact your local phone company.



Receiving Calls

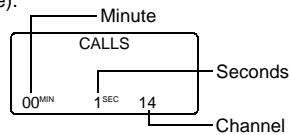
1. When the phone rings, lift the **HANDSET** and press the **TALK** button. The **HANDSET LCD Screen** will display "CALLS" and "TALKING", and the **BASE UNIT IN USE LED** indicator will light up.
2. Start your conversation.
3. To end your conversation, either press the **TALK** button or place the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



Cordless Telephone Operation

NOTE:

1. The Call Timer will start to count once you press the **TALK** button.
2. The LCD Screen emits light for 5 seconds every time you press any buttons on the **HANDSET**.
3. When "CALLS" appears on the LCD Screen, it means that the **HANDSET** is OFF-HOOK (connected to the telephone line).



Placing Calls

1. Press the **TALK** button, the Call Timer starts to count. The **HANDSET** LCD Screen will display "CALLS", and "TALKING", and 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 with your call, press the **TALK** button again or place the **HANDSET** on the **BASE UNIT**.

OR

1. Dial the phone number.
2. Press and hold down the DIAL 7 **7*** or the DIAL 10 **10^{OP}ER 0** or the DIAL1+ **1+ #** button. The **BASE UNIT** IN USE LED indicator will light up.
3. When you have finished with your call, press the **TALK** button again or place the **HANDSET** on the **BASE UNIT**.



IMPORTANT

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

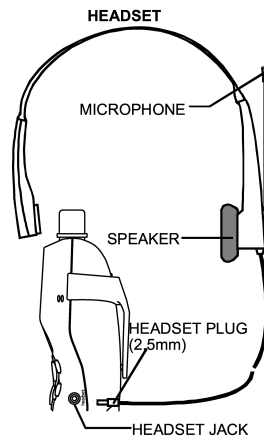
Cordless Telephone Operation

Headset Feature

Your telephone can utilize a headset (not included) to be connected to your **HANDSET** for you to enjoy hands-free communication. Pull out the **HEADSET JACK COVER** then 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.

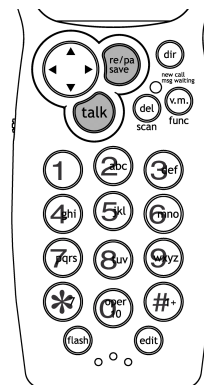
NOTE: When you plug the headset plug into the **HEADSET JACK** it automatically mutes the **MICROPHONE** and **SPEAKER** of the **HANDSET**. Unplug the headset to return the **HANDSET** to normal use.

Headsets are available at most retail outlets that sell telephone equipment. The **HEADSET JACK** is compatible with 2.5mm 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 **RE/PA SAVE** button. This will automatically redial the last telephone number you called in TALK mode.
5. When you have finished with your call, press the **TALK** button again (the **BASE UNIT IN USE LED** indicator will turn off) or place the **HANDSET** on the **BASE UNIT**.



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 Operation

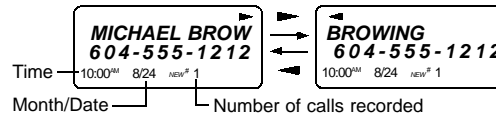
Caller ID System

This telephone automatically displays an incoming caller's name and telephone number together with the date and time of the call. It records up to 80 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

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



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.

e.g.

OR

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

e.g.

OR

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

OR

"DATAERROR" will appear if 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 GREEN 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 WAITING" will appear on the LCD Screen in STANDBY mode. (To remove the MESSAGE WAITING indicator, see page 26 for detail.)

Caller ID System Operation

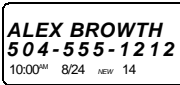
Call Waiting

When you subscribe to a 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 with your first caller.

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

If you do not want to interrupt your phone conversation with the first caller, you can advise the second caller to leave a Voice Mail message instead.

e.g. 
1st Caller

e.g. 
2nd Caller

Voice Mail Function

When there is a Voice Mail message for you, this telephone detects a Stutter Dial Tone (if applicable) and the "MSG" icon on the LCD Screen and the MESSAGE WAITING LED indicator will blink.

1. To access your Voice Mail message, press the **TALK** button.
2. After you hear a dial tone, press the **FUNC VOICE MAIL** button. This will automatically dial the Voice Mail Post Code in your area and connect you to the Voice Mail service provider.

NOTE: You must store the Voice Mail Post Code number by using the VOICE MAIL function on page 26. You can also call your Voice Mail service provider by dialing the Voice Mail Access Code number after pressing the **TALK** button.

C-F (Forwarded Call)

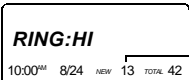
Appears on the upper left hand side of the LCD Screen, when the incoming call has been assigned to your telephone number.

L-D-C (Long Distance Call)

Appears on the upper left hand side of the LCD Screen, 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 80 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 LCD Screen will display:

 No. of new calls
Maximum calls= 80