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 the **HANDSET**.

Security Code

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

Resetting Security Code and Channel Information

Communication between the **HANDSET** and the **BASE UNIT** may not be possible in any of the following situations:

1. After a power failure.
2. After relocating the **BASE UNIT** by disconnecting the AC ADAPTER.
3. After replacing the **HANDSET** BATTERY PACK.

To reset, place the **HANDSET** on the **BASE UNI**T 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 DELETE SCAN button on the **HANDSET**.

Recharging the BATTERY PACK

Battery Type

Use the following type and size of BATTERY PACK:

Cordless Telephone BATTERY PACK
3.6V, 600mAh
U.S. Electronics Inc.
Ni-MH Battery Pack: Model B655

This BATTERY PACK is available through:

U.S. Electronics Service Center
105 Madison Avenue
New York, NY 10016
1-800-825-5208

NOTES:
1. **During a power interruption, the BASE UNIT does not operate, and a phone conversation cannot be made on the HANDSET.**
2. **A "beep" will be heard when the HANDSET is properly positioned in the BASE UNIT CHARGE CRADLE and charging. Securely positioning the HANDSET, KEYPAD face up, in the BASE UNIT will also prevent the HANDSET from failing.**

Recharging the Battery Pack

The nickel metal hydride (Ni-MH) BATTERY PACK in the **HANDSET** can be recharged many times using the built-in charger in the **BASE UNIT**.

When the BATTLOW symbol appears on the LCD Screen, a "beep" sound will be heard every 10 seconds. This indicates that the BATTERY PACK needs to be recharged.

Charge the BATTERY PACK at least once every 90 days of non-use to avoid battery failure. When the BATTERY PACK can no longer be charged, replacement of the BATTERY PACK will be necessary.

The BATTERY PACK used in your telephone may develop a condition known as "MEMORY". Once subjected to a regular short discharging routine, the BATTERY PACK assumes the discharging pattern it was subjected to. This is known as a "MEMORY" condition which causes rapid discharging thereby shortening the BATTERY PACK charge span. If you believe your BATTERY PACK has developed a "MEMORY" condition, do not charge the **HANDSET** until the BATTLOW symbol appears on the LCD Screen. When the BATTLOW symbol appears on the LCD Screen, charge the **HANDSET** fully for 12 hours.

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

Changing the BATTERY PACK

Changing the Battery Pack

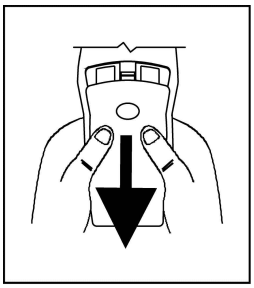
The BATTERY PACK provides power for the **HANDSET** of your cordless telephone.

To Replace BATTERY PACK:

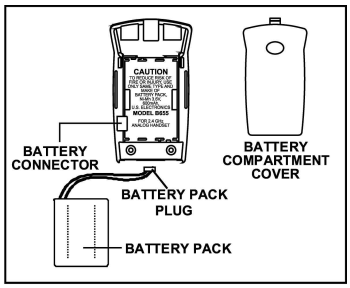
1. Remove the **HANDSET** BATTERY COMPARTMENT COVER by sliding it down.
2. Pull out the BATTERY PACK PLUG and remove the BATTERY PACK.
3. Plug the new BATTERY PACK into the BATTERY CONNECTOR.
4. Slide the **HANDSET** BATTERY COMPARTMENT COVER firmly into place in its closed position.
5. Before use, charge the new BATTERY PACK for 12 hours.

ATTENTION:

The telephone that you have purchased contains a rechargeable BATTERY PACK. The BATTERY PACK 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.



Remove the **HANDSET** BATTERY COMPARTMENT COVER by sliding it down.



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

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 a power source.
2. **HANDSET** is charged.
3. TONE/PULSE Select switch is in the right position.
4. TELEPHONE LINE CORD is plugged into the TELEPHONE JACK.

Range of phone limited, check the following:

1. **BASE UNIT** is centrally located in your residence.
2. **BASE UNIT** is not located near appliances.

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 a 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 PACK in the **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. (See Technical Information on page 32.)
2. Choose an alternate channel using the DELETE SCAN button on the **HANDSET**.
3. Do not use this telephone within 20 ft. of a microwave oven while it is working, as you may experience interference. This is a normal occurrence with 2.4 GHz phones and should not be interpreted as a defect in the product.

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

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

Excess static, check the following:

1. Check to see that the ANTENNAis not touching another metal object.

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

1. **BASE UNIT** is plugged into a 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 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 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 another cordless telephone, 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.

IMPORTANT

When you hear interference, press the DELETE SCAN button to change the operating channel.

FCC Requirements

Federal Communications Commission Requirements

This equipment complies with Part 68 of the FCC rules. A label on the **BASE UNIT** of the equipment contains, among other information, the ACTA Product Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The REN is also useful in determining the number of devices that you may connect to your telephone line and still allow all of these devices to ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, contact your local telephone company.

If your equipment should cause harm to the telephone network, the telephone company may temporarily disconnect your service. If possible, they will notify you in advance that temporary discontinuance of service may be required.

However, when advance written notice is not possible, the telephone company may temporarily discontinue service without notice if such action is necessary under the circumstances. The telephone company may make changes in its communication facilities, equipment, operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations of the Federal Communications Commission.

Do not attempt to repair or modify this equipment.

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

Some cordless telephones operate at frequencies that may cause interference to nearby TV's and VCR's. To minimize or prevent such interference, the **BASE UNIT** of the cordless telephone should not be placed on or near 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.

This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs. If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If the equipment is determined to be malfunctioning, its use should be discontinued until the problem has been corrected.

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

FCC Requirements

Federal Communications Commission Requirements (continued)

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 the 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 distance between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subjected to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received including interference that may cause undesired operation.

Warranty

Warranty Information

One-Year Limited Warranty

This limited warranty sets forth all our responsibilities regarding your telephone. There are no other expressed or implied warranties from us.

Warranty Service Provided

If you purchased the telephone new from a retail vendor, we warrant the telephone against defects in material and workmanship for a period of one (1) year from the original date of purchase. This warranty is in lieu of all other express warranties. This warranty begins when you purchase the telephone and continues for one (1) year unless you sell or rent the telephone, in which case the warranty stops.

We disclaim any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose, as of the date of 90 days from your original

purchase of the telephone. We assume no responsibility for any special, incidental, or consequential damages.

This warranty gives you specific legal rights and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitations of special, incidental or consequential damages, or limitations on how long a warranty lasts, so the above exclusion and limitation may not apply to you.

Warranty Service Not Provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, or the affixing of any attachment not provided by us with the telephone, and/or loss of parts. This warranty is voided in the event any unauthorized person opens, alters or repairs the telephone.

All our equipment being returned for repair must be suitably packaged.

Telephone companies use different types of equipment and offer various types of services to customers. We do not warrant that this telephone is compatible with the type of equipment of any particular telephone company or the services provided by it.

Warranty

What To Do for Warranty Service

During the first thirty (30) days, a defective product is eligible for over-the-counter exchange at the retailer from whom it was purchased. After thirty (30) days, the defective product should be returned to the authorized service center. Please allow 2-3 weeks for the return of your telephone product. The shipping address of the authorized service center is:

U.S. Electronics Consumer Center
C/O Southern Bonded Warehouse
7137 Southlake Parkway
Morrow, GA30260

NOTE: A telephone product received which was not made by us or which is not defective as determined by our test procedures will not be repaired and will be returned to you C.O.D., freight collect.

To Obtain Warranty Service

- Provide proof of the date of purchase within the package.
- Prepay all shipping costs to the authorized service center.
- Include a return shipping address within the package.

Please retain your sales receipt, the carton, the packing materials, and the printed material. The original carton is the best shipping container for the telephone should you have to return it.

For your reference:

Serial Number _____

Date of Purchase _____

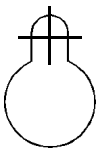
Name of Dealer _____

Customer Service Telephone Number:
1-800-210-8950

OUTSIDE THE U.S.A. CALL 1-212-242-6978

Visit Us on the Web:
www.uselectronics.info

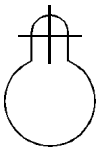
Wall Mounting Template



This page serves as a template for attachment of screws to the wall when mounting this telephone on the wall.

1. Cut out this page.

2. Use this template to determine the distance between screws when mounting this phone on the wall. The two cross hairs identify where to attach the screws.



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

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

IMPORTANT
When you hear interference, press the DELETE SCAN button to change the operating channel.

IMPORTANT
The AC ADAPTER must always be plugged into an electrical outlet.

IMPORTANT
If you live in an area which gets frequent thunderstorms, we strongly recommend plugging your AC ADAPTER into a surge protector.

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

2.4 GHz CORDLESS CALLER ID TELEPHONE WITH CALL WAITING

40 CHANNEL AUTOSCAN

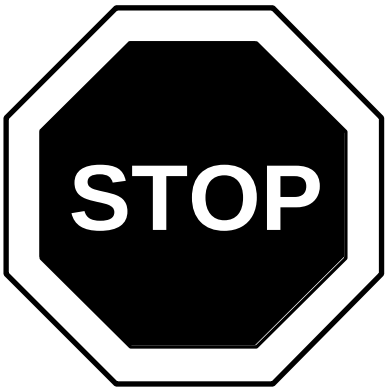
Model XG2200

OWNER'S MANUAL
INSTALLATION AND
OPERATING
INSTRUCTIONS

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE.
KEEP FOR YOUR REFERENCE.

For installation information, please see "Getting Started" instructions on page 5 or your separate Quick Start Guide.

Visit Us on the Web:
www.uselectronics.info



Make certain you receive the best performance from your telephone. Read this manual first.

Visit Us on the Web:
www.uselectronics.info
Made in China

CM

03-05

Special Features

Congratulations on your selection of a quality product. With proper care, and by following the set-up and user instructions in this Owner's Manual, this unit will provide you with years of trouble-free service.

We are committed to providing quality products that fit your needs. We would like to have any comments or suggestions you might have on this product. You may mail your comments to:

U.S. Electronics
105 Madison Avenue
New York, NY 10016

When examining your new cordless telephone, you will find an array of special features including:

Filtered Sound™ System - Gets considerably less noise than conventional cordless telephones because of a special circuit which delivers the clearest possible reception.

40 Channel Auto Scan - Press the DELETE SCAN button on the **HANDSET** to find and lock on to the clearest channel for any call.

Desk or Wall Mount - Use this equipment as a desk phone or as a wall phone.

TONE or PULSE Dialing - Use this phone for either TONE (push-button) or PULSE (rotary) dialing.

Automated Functions - Redial the last number called and automatic STANDBY mode.

Security - Ensures greater privacy because a built-in security code with 65,536 combinations prevents use of your telephone line by another nearby cordless phone.

Dependable Battery - Recharge your BATTERY PACK many times with the built-in charger. The battery low warning tone tells you when the BATTERY PACK needs recharging. (See page 29.)

Special Services - Use the **FLASH** button to access special services such as Call Waiting supplied by your telephone company or company switchboard.

STANDBY Mode - When in STANDBYmode (ON-HOOK), the phone is capable of receiving a call. When the **HANDSET** is on the **BASE UNIT**, it is automatically in the STANDBY mode (ON-HOOK). When the **HANDSET** is taken off the **BASE UNIT**, it remains in the STANDBY mode until you activate the **TALK** button.

Battery Power Saver - Once fully charged, in STANDBY mode, the **HANDSET** can receive/send calls for a maximum of five days without the need for recharging. Length of charge depends on frequency of use.

Luminous LCD Screen - The LCD Screen emits light for 5 seconds every time you press any of the buttons on the **HANDSET**.

HANDSET Ringer Level - Select the ringer volume level (HI, LOW, OFF).

HANDSET VOLUME CONTROL Switch - Select the receiver volume level (HI, MID, LOW).

HEADSET JACK - Your telephone can utilize a headset for hands-free communication.

BELT CLIP - Use the BELT CLIPto hang your **HANDSET** on your belt.

Special Features

CALLER ID SYSTEM

Multi-Function Large LCD Screen - Shows the number you are dialing, and with Caller ID service (available through subscription from your local telephone company), displays information about the caller before you answer the call.

Name and Number DIRECTORY - Stores up to 40 names and numbers so that you can call them with a single key stroke.

Caller List - Available with Caller ID service. Stores up to 80 calls to keep track of everyone who called. The name, phone number, time, and date of the call are recorded. Allows you to return their calls with a single key stroke.

Preferred Calls - You can mark the name and number of a welcome caller in the DIRECTORY. When that number calls in, the caller's name will appear on the LCD Screen and a special ring sound will be heard.

Blocked Calls - You can mark the name and number of an unwelcome caller in the DIRECTORY. When that number calls in, the caller's name will appear on the LCD Screen and the ringer will be disabled.

Repeat Call Indicator - Shows if a new incoming call has called more than once.

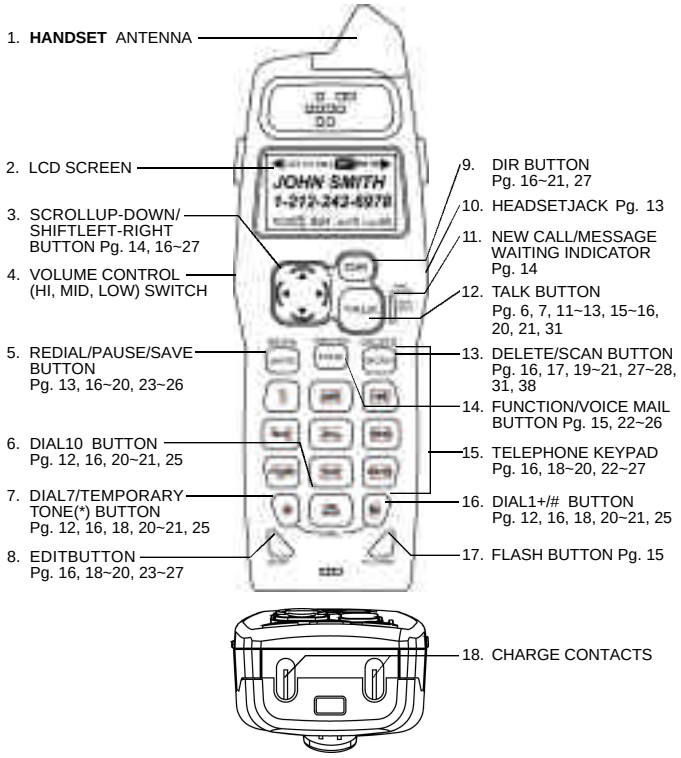
Out of Area Call Indicator - Advises you that the incoming call is not in a Caller ID service area, or does not support the Caller ID system.

Private Call Indicator - Advises you that the caller's name and/or telephone number of the incoming call is blocked by the system.

Call Waiting Service - Displays the name and number of the second caller, if you have subscribed to call waiting service from your local telephone company (See page 15).

Voice Mail - Indicates message waiting signal if you subscribed to Voice Mail message service and requested Visual Message Indication from your local telephone company (see page 15). This telephone also detects a Stutter Dial Tone signal every time there is a Voice Mail message for your Voice Mail message provider if you have subscribed to Voice Mail message service.

HANDSET Controls



HANDSET Controls

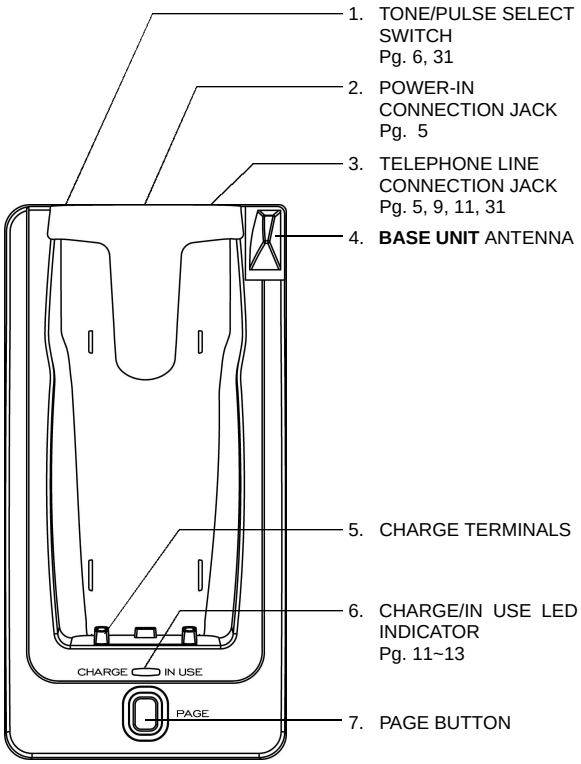
1. **HANDSET ANTENNA**
2. **LCD Screen**: Shows call information, phone status, prompts and directory items.
3. **SCROLL UP-DOWN, SHIFT LEFT-RIGHT** **Button**: Press to move around the large LCD Screen.
4. **HANDSET VOLUME CONTROL (HI, MID, LOW) Switch**: Select the receiver volume level (HI, MID, LOW).

HANDSET Controls

5. **SAVE/RE(REDIAL)/PA(PAUSE)** [RE/PA SAVE] **Button**: (SAVE) Press and hold down to save the changes on the listed items. (REDIAL) Press to redial the last number you dialed. (PAUSE) Press to insert a pause while dialing. (You will need the [RE/PA SAVE] button to dial numbers which use an alternative Long Distance Access Code.)
6. **DIAL 10/0** [10 OPER 0] **Button**: (DIAL 10) Press and hold down to place a local call with Area Code.
7. **DIAL7/TEMPORARY TONE** [7 *] **Button**: (DIAL7) Press and hold down to place a local call. (*) Press to temporarily change the Dialing mode from Pulse to Tone for Rotary Service Users. (Press once before entering numbers to access the answering system or electronic banking service, etc.)
8. **EDIT** [EDIT] **Button**: Press to edit listed items.
9. **DIR (DIRECTORY)** [DIR] **Button**: Press to access names and numbers stored in the DIRECTORY. (See pages 16 to 21 for details.)
10. **HEADSET JACK**: For connecting your headset plug to enjoy hands-free communication. (See page 13 for detail.)
11. **NEW CALL/MSG (MESSAGE) WAITING LED Indicator**: Blinks when recording a new incoming call or when receiving a Message Waiting signal, if you have subscribed to a Voice Mail message service from your local telephone company. (See page 14 for details.)
12. **TALK** [TALK] **Button**: Press to answer an incoming call or to place a call. Press to end a call.
13. **DELETE/SCAN** [DELETE SCAN] **Button**: (DELETE) Press and hold down to delete items or individual characters. (SCAN) Press to change the operating channel when you hear interference.
14. **FUNC (FUNCTION)/VOICE MAIL** [FUNC VOICE MAIL] **Button**: (FUNCTION) Press and hold to access special functions operation in STANDBY mode. (For special functions see page 22.)

    (VOICE MAIL) - Press to automatically dial the Voice Mail Post Code in your area to access your Voice Mail message.
15. **TELEPHONE KEYPAD** [10 OPER 0] ~ [WXY 9] **Buttons**: Allows you to make a call depending on pressed button. (For TELEPHONE KEYPAD characters, see page 27 .)
16. **DIAL 1+/#** [1+ #] **Button**: (DIAL 1+) Press and hold down to place a long distance call. (Automatically adds the number 1 at the beginning of the displayed telephone number.)
17. **FLASH** [FLASH] **Button**: Press to answer a call if you have Call Waiting.
18. **CHARGE CONTACTS**: For charging the BATTERY PACK inside the **HANDSET**. We recommend cleaning the CHARGE CONTACTS periodically with a damp cloth.

BASE UNIT Controls



1. TONE/PULSE SELECT SWITCH
   Pg. 6, 31
2. POWER-IN CONNECTION JACK
   Pg. 5
3. TELEPHONE LINE CONNECTION JACK
   Pg. 5, 9, 11, 31
4. **BASE UNIT** ANTENNA
5. CHARGE TERMINALS
6. CHARGE/IN USE LED INDICATOR
   Pg. 11~13
7. PAGE BUTTON

BASE UNIT Controls

1. **TONE/PULSE Select Switch**
2. **POWER-IN CONNECTION JACK**
3. **TELEPHONE LINE CONNECTION JACK**
4. **ANTENNA**
5. **CHARGE TERMINALS**: For charging the **HANDSET** BATTERY PACK. For best performance, clean the CHARGE TERMINALS periodically with a damp cloth.
6. **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.
7. **PAGE** PAGE **Button**: Press to page the **HANDSET**.

IMPORTANT

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