BELLSOUTH

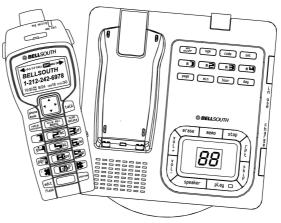
2.4 GHz DIGITAL SPREAD SPECTRUM ALL DIGITAL ANSWERING SYSTEM WITH CALLER ID / CALL WAITING & SPEAKERPHONE IN BASE UNIT

54 CHANNEL AUTOSCAN WITH 4 SEPARATE MAILBOXES MULTIPLE HANDSETS FEATURE

Model GH9764

OWNER'S MANUAL INSTALLATION AND OPERATING INSTRUCTIONS

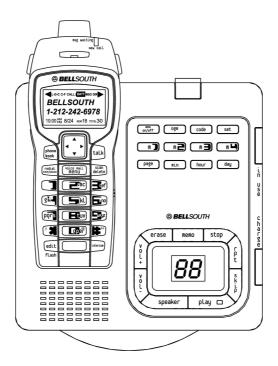
PLEASE READ THIS MANUAL CAREFULLY BEFORE USE. KEEP FOR YOUR REFERENCE.



For installation information, please see "Getting Started" instructions on page 6 or your separate Quick Start Guide.

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Wall Mounting



IMPORTANT: The **BASE UNIT** IN USE LED indicator will light up RED 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 more frequent recharging of the BATTERY PACK, See page 44 for more information on the BATTERY PACK.

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

The "RING: HI" should be displayed on the LCD Screen. If you see "WAIT REG." on the LCD Screen, please do handset registration as described in page 29.

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 From the HANDSET

- 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 GREEN.
- 2. Start your conversation.
- 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

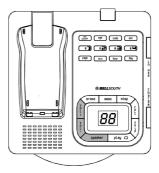
NOTE:

- 1. The Call Timer will start to count once you press the talk button.
- 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).



Receiving Calls Using the BASE UNIT SPEAKERPHONE

- 1. When the phone rings, press the **SPEAKER** button and begin speaking.
- 2. The LED Message Display will show "5P".
- 3. The SPEAKERPHONE speaker volume can be adjusted by pressing the vol + and vol . The LED Message Display will indicate the speaker volume as:
 - "0" Speaker off
 - "1~8" Volume from low to high
- 4. To hang up, press the **SPEAKER** button again.



IMPORTANT

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



Cordless Telephone Operation

Placing Calls

- 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 GREEN.
- 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.
- 3. When you have finished with your call, press the **talk** button again or place the **HANDSET** on the **BASE UNIT**.

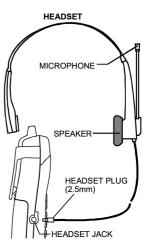


Headset Feature

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 HEADSETJACK 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.
- Press the save/pause button. This will automatically redial the last telephone number you called in TALK mode.
- 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.



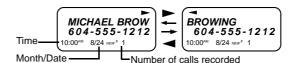
Caller ID System

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.



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

"DATA ERROR" 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 28 for detail.)

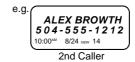
Call Waiting

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.

- When you are having a conversation, this telephone will automatically display the name and number of the second caller. The name will blink.
- Press the edit flash button to answer the second caller.
 The first caller's name and number will be displayed. The name will blink.
- When you have finished, press the edit 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.





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 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 28. 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

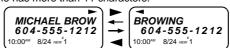
Records call information for up to 80 incoming calls such as caller's name and telephone number together with the date and time of the call. After recording a new incoming call, the NEW CALL indicator will blink and the LCD Screen will display:





Viewing the Caller List

1. Press the SCROLL DOWN ▼ button to view the latest Caller ID record, or press the SCROLLUP ▲ button to view the first Caller ID record, press the SHIFTRIGHT ▶ button if the name has more than 11 characters.



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

Placing a Call from the Caller List

- 1. With the **HANDSET** in STANDBYmode, press the SCROLLDOWN button to select from the latest Caller ID record, or press the SCROLL UP button to select from the first Caller ID record.
- 2. Press and hold down the DIAL 7 button for a local call, or the DIAL 10 oper 0 button for a local call with area code, or the DIAL1+ + button for a long distance call.
- 3. To end your conversation, either press the **talk** button or place the **HANDSET** on the

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

NOTE: You can edit the number before dialing, but you can not SAVE any changes in the Caller List.

Editing the Caller List before Dialing

- 1. Press the SCROLL UP (or DOWN) button to find the Caller ID record.
- 2. Press the edit button.
- 3. Move the cursor by pressing the SHIFTLEFT or RIGHT button to the digit you want to change. To erase digits, press the delete button. To add digits, use the TELEPHONE KEYPAD buttons.
- 4. Press and hold down the DIAL 7 button for a local call, or the DIAL 10 button for a local call with area code, or the DIAL 1 + button for a long distance call.
- 5. To end your conversation, either press the **talk** button or place the **HANDSE**T on the

To save the edited record from the Caller List, follow steps 1 through 3 then press and hold down the redial button.

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

- 1. Press the SCROLL UP
 or DOWN
 button to find the Caller ID record.
- 2. Press and hold down the redial save/pause button. The LCD Screen will show "SAVED".

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 AREAcalls.

Deleting All Records in the Caller List

- Press and hold down the seconds while in STANDBY mode.
- The LCD Screen will automatically return to STANDBY mode.



Selective Deleting in the Caller List

- 1. Press the SCROLLUP or DOWN button to find the Caller ID record while in STANDBY mode.
- Press and hold down the delete button for at least 3 seconds, then the LCD Screen will display the next Caller ID record in the CALLER LIST.
- 3. Press the button to return to STANDBY



Special Note to Caller List for Multiple Handset User

In this multiple **HANDSET** cordless phone, the up to 80 incoming calls caller list are stored in the **BASE** unit. No matter how many **HANDSETS** link to the same **BASE** unit, they share the same caller list. Each **HANDSET** can view the caller list, place a call from the caller list, delete the record in caller list, and save the record in the caller list into the directory memory of each **HANDSET**.

When a record in caller list is deleted by one of the **HANDSET**, the other **HANDSETS** can not view and use the record again. We suggest that each **HANDSET** user saves the record in caller list, which the number he will call frequently, into the directory memory of his own **HANDSET**.

Name and Telephone Number DIRECTORY

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

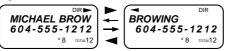


Viewing the DIRECTORY

1. Press the phone button.



Press the SCROLL UP or DOWN button to find the record you wish to view, press the SHIFT RIGHT button to view a name or telephone number of more than 11 characters.



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



Speed Viewing the DIRECTORY

- 1. Press the phone button.
- 2. Enter the first letter of a name. (See Page 31 for detail of entering a letter.)
- 3. Press the SCROLLUP **\(\Lambda \)** button to view all names with the same first letter.

Saving in the DIRECTORY

- 1. Press the phone button.
- 2. Press the edit flash button.
- 3. Use the TELEPHONE KEYPAD (10 0) ~ (wyyz 9) buttons to enter the name, (see page 31 for detail) you can store up to 15 characters. To move the cursor to the right, createa space, or to enter a new letter, press the SHIFT RIGHT button.
- 4. Press the SCROLLDOWN button once.
- 5. Enter the telephone number using the TELEPHONE KEYPAD open of a buttons.

 You can store up to 16 digits.
- 6. Press and hold down the redial save/pause button.
- Press the 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.)

NOTES: 1. It will not save a duplicate telephone number or a name without the corresponding telephone number in the DIRECTORY.

2. To delete a character or number inside the cursor, press the delete scan button.

PREFERRED CALLS

You can assign stored numbers a PREFERRED CALLstatus 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, add a "#" symbol at the beginning of the name by pressing the 1+# button.

BLOCKED CALLS

You can assign stored numbers a BLOCKED CALL status which will disable the ringer sound after the second ring to any caller in the DIRECTORY.

When you are saving the name and number into the DIRECTORY, add an "*" symbol at the beginning of the name by pressing the 7 button.

Editing a Name and Number in the DIRECTORY

- 1. Press the phone button.
- 2. Press the SCROLL UP or DOWN button to find the record you want to edit.

MICHAEL BROW 604-555-1212 *8 rota12

3. Press the flash button to edit the name, and the cursor will blink over the first character.



- 4. Press the SCROLLLEFT or RIGHT button to move the cursor to the letter or number you want to change. To erase, press the delete scan button. To add, use the TELEPHONE KEYPAD oper 0 ~ wxyz 9 buttons. (See page 31 for details.)
- 5. Press the SCROLL UP
 or DOWN
 button to edit the number.



6. Press the SCROLLLEFT or RIGHT button to move the cursor to the number you want to change. To erase, press the delete scan button. To add, use the TELEPHONE KEYPAD open of wxyz 9 buttons. (See page 31 for details.)



7. Press and hold down the redial save/pause 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.

Editing the Number in the DIRECTORY before Dialing

- 1. Press the phone button.
- 2. Press the SCROLL UP or DOWN button to find the caller.
- 3. Press the flash button to edit the name.
- 4. Press the SCROLL DOWN button.

e.g.



6 cursor is blinking

5. Press the SCROLLLEFT or RIGHT button to move the cursor to the number you want to change.

To erase, press the delete scan button.

To add, use the TELEPHONE KEYPAD $^{10}_{oper}$ 0 0 0 buttons.

- 6. Press and hold down the DIAL 7 button for a local call, or press and hold down the DIAL 10 open button for a local call with area code, or press and hold down the DIAL1+ 1+# button for a long distance call.
- To end your conversation, either press the talk 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 redial save/pause button.

Placing Calls from the DIRECTORY

- 1. Press the phone button.
- 2. Press the SCROLL UP or DOWN button to find the record you want to call.
- 3. Press and hold down the DIAL 7 button for a local call, or press and hold down the DIAL 10 button for a local call with area code, or press and hold down the DIAL 1+ "+#" button for a long distance call.
- 4. To end the call, either press the **talk** button or place the **HANDSET** on the **BASE UNIT**.

Deleting All Records in the DIRECTORY

- 1. Press the phone button.
- Press and hold down the delete scan button for at least 3 seconds while in DIRECTORY mode.



3. Press the phone button to return to STANDBY mode.

Selective Deleting in the DIRECTORY

- 1. Press the phone button.
- 2. Press the SCROLLUP or DOWN button to find the record you want to delete.
- Press and hold down the substant button for at least 3 seconds, then the LCD Screen will display the next record in the DIRECTORY.



4. Press the phone button to return to STANDBY mode.



Function Operation

You can change the settings on the HANDSET through the functions menu.

This unit contains the following special functions:

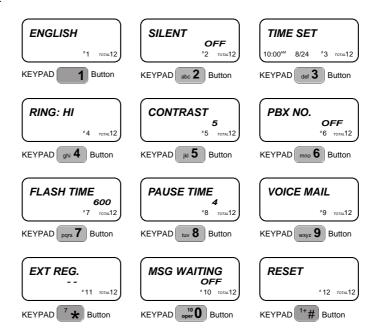
- A. LANGUAGE
- B. SILENT ON/OFF
- C. TIME SET
- D. RINGER VOLUMEE. LCD CONTRAST
- F. PBX NUMBER
- G. FLASH TIME
- H. PAUSE TIME
- I. VOICE MAIL
- J. MSG WAITING

REGISTRATION

K. HANDSET

L. RESET

To access, press the weight button at STANDBY mode, then press the TELEPHONE KEYPAD 10 0



A. Language

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

- 1. Press the (voice mail) button.
- 2. Press the TELEPHONE KEYPAD 1 button.
- 3. Press the flash button.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to return 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 the ringer silent in BLOCKED CALLmode, you can turn off the first ring sound.

- 1. Press the woice mail button.
- 2. Press the TELEPHONE KEYPAD abc 2 button.
- 3. Press the edit flash button.
- 4. Press the SCROLL UP or DOWN button to select the SILENT ON/OFF setting. You can also press the TELEPHONE KEYPAD buttons; for ON or abc 2 for OFF. SILENT OFF is the preset mode.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to return to STANDBY mode.

C. Time Set

Set the date and time.

- 1. Press the voice mail button.
- 2. Press the TELEPHONE KEYPAD def 3 button.
- 3. Press the edit flash 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 abo 2 for PM setting.



- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to return 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.

D. Ringer Volume

This function enables you to adjust the ringer volume from HI, LOW, and OFF as desired.

- 1. Press the voice mail button.
- 2. Press the TELEPHONE KEYPAD ghi 4 button.
- 3. Press the edit flash button.
- 4. Press the SCROLLUP ▲ or DOWN ▼ button to adjust the ringer volume suitable for your convenience. You can also adjust the ringer volume by pressing the following TELEPHONE KEYPAD buttons; 1 for HI, abc 2 for LOW, or def 3 for OFF. HI is the preset ringer volume.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to go back to STANDBY mode.

E. LCD Contrast

This unit enables you to select 8 brightness levels for the Large LCD Screen.

- 1. Press the voice mail button.
- 2. Press the TELEPHONE KEYPAD jkl 5 button.
- 3. Press the edit flash button.
- 4. Press the SCROLL UP ▲ or DOWN ▼ button to adjust the brightness of the LCD Screen. Level 5 is the preset brightness.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail 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 voice mail button.
- 2. Press the TELEPHONE KEYPAD mno 6 button.

- 3. Press the flash button.
- 4. Press the SCROLL UP or DOWN button. (OFF is the preset PBX number.)

 PBX MODE OFF set for direct line access.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to go back to STANDBY mode.

NOTE: When placing a call by using the DIAL 7 , or the DIAL 10 open 0, or the DIAL1+ 1+# button, this telephone will automatically add the PBX number and a pause time before the dialed telephone numbers.

G. Flash Time

This unit enables you to select the standard FLASH TIME applicable to your calling area. If you are not sure of the FLASH TIME you are using, call your local telephone company.

- 1. Press the voice mail button.
- 2. Press the TELEPHONE KEYPAD pqrs 7 button.
- 3. Press the edit flash button.
- 4. Press the SCROLLUP ▲ or DOWN ▼ button to select the FLASH TIME. You can also set the FLASH TIME by entering the FLASH TIME number using the TELEPHONE KEYPAD → 0 vm/2 9 buttons. The preset FLASH TIME is 600 milliseconds.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to go back to STANDBY mode.

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 voice mail button.
- 2. Press the TELEPHONE KEYPAD tuv 8 button.
- 3. Press the edit flash button.
- 4. Press the SCROLL UP or DOWN button to adjust the pausing time. The preset pause time is 4 seconds.
- 5. Press and hold down the redial save/pause button.
- 6. Press the went voice mail button to return to STANDBY mode.



I. Voice Mail

This telephone enables you to store the Voice Mail Access Code number in your area. This will automatically connect you to the Voice Mail service provider with one-touch dialing.

- 1. Press the voice mail button.
- 2. Press the TELEPHONE KEYPAD wxyz 9 button.
- 3. Press the edit flash button.
- 4. Enter the Voice Mail Post Code number by using the TELEPHONE KEYPAD open 0 ~ wxyz 9 buttons.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to go back to STANDBY mode.

J. MSG Waiting (Message Waiting)

To turn off the Message Waiting LCD Screen indicator.

- 1. Press the (voice mail) button.
- 2. Press the TELEPHONE KEYPAD oper 0 button.
- 3. Press the edit flash button.
- 4. Press the SCROLL UP
 or DOWN
 button.
- 5. Press and hold down the redial save/pause button.
- 6. Press the voice mail button to go back to STANDBY mode.

IMPORTANT: The Message Waiting LCD 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.

IMPORTANT

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

K. Handset Registration

The multiple-handset feature allows up to 90 handsets to link to the **BASE UNIT**. Each new **HANDSET** has to register into the **BASE UNIT** to get a 2-digit extension number from 10 to 99.

- 1. Press the voice mail button.
- 2. Press the TELEPHONE KEYPAD

 → button.
- 3. The "EXT REG" will appear on the LCD Screen.
- 4. Press the flash button.
- 5. Use the TELEPHONE KEYPAD oper 0 ~ wxyz 9 buttons to enter the name of the extension phone user.
- 6. Press the SCROLL DOWN v button.
- 7. Enter the 2-digit extension number by using the TELEPHONE KEYPAD $^{10}_{oper}$ **0** \sim wxyz **9** buttons.
- 8. Press and hold down the redial save/pause button.
- While the "REGISTERING" displaying on the LCD Screen, press and hold down the page button on the BASE unit. Release the page button until the "EXT REG." appears on the LCD Screen.
- 10. Press the voice mail button to go back to STANDBY mode.

IMPORTANT: If the unit you purchased is a one-handset package, we suggest that you assign your new **HANDSET** with the extension number (10).

If the unit you purchased is with two or more handsets, after charging the **HANDSETS**, you should do the registration to assign different extension number to each **HANDSET**.

NOTE: The **ADDITIONAL HANDSET** (HCB704) is available through:

U.S. Electronics Service Center 105 Madison Avenue

New York, NY 10016 1-800-825-5208

Do the handset registration to assign a new extension number once you get the new ADDITIONAL HANDSETS.