OWNER'S INSTRUCTION MANUAL

Model 2109

Telephone

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TROUBLESHOOTING

Blank or Faint Screen—Check line cord, batteries and adapter.

Caller ID does not work

- Be sure your caller ID service is active.
- Do not answer the phone before two rings.
- If the problem continues, contact the telephone company.

Phone will not ring

- Be sure the ringer is on.
- There may be too many devices connected to the phone line. Remove all other phones and see if this phone will ring. If so, add devices back one by one to find the problem unit.

No Dial Tone—Verify that the line cord is connected.

No Characters on Display

- Check power adapter
- Replace batteries

FEATURE LIST

1. FSK Standard Caller ID
2. Stores up to 99 incoming calls number date and time
3. Stores up to 15 outgoing calls number
4. Stores up to 70 name and numbers in phonebook
5. LCD displays calling number and name
6. Delete individual or all records
7. Real time clock (Set time)
8. LCD contrast setting
9. Area code setting
10. Three languages selectable
11. Date/Hour format setting
12. Message waiting function
13. Store up to 4 numbers in one-touch memory
14. Store up to 10 numbers in two-touch memory
15. Caller ID on call waiting
16. Speakerphone
17. Low battery indicator
18. Last number redial
19. Flash, Pause, Mute, Hold
20. Timer
21. Dialing mode selection
22. Handset volume selection
23. Desk/wall mounting

PLEASE READ BEFORE INSTALLING AND USING YOUR NEW TELEPHONE EQUIPMENT.
IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using your telephone equipment to reduce the risk of fire, electrical shock, and injury.

1. **Read and understand all instructions** in the Owner's Instruction Manual.
2. **Read all warnings** and follow all instructions marked on the product.
3. **Unplug this product from the wall outlet before cleaning**. Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners.
4. **Do not use this equipment near water**. For example, do not use near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
5. **Do not place this product on an unstable cart or stand**. The product may fall causing serious damage to the product.
6. **Do not place any objects on the telephone line cord**. Do not locate the telephone where the line cords will be walked on.
7. **Do not block or cover ventilation slots and openings** in the top of the telephone. The openings should never be blocked by placing a book or paper on top of the telephone. The telephone should never be placed near or over a radiator or heat register.
8. **Never spill liquid on the telephone or push objects of any kind through ventilation slots**. Liquid or objects may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock.
9. **Do not disassemble this product**. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electrical shock when the product is subsequently used.
10. **Do not overload outlets and extension cords.** Some telephones require AC power from an outlet. Overloading the outlets can result in the risk of fire or electric shock.
11. **Avoid using a telephone (other than a cordless type) during a local thunderstorm**. There may be a remote risk of electrical shock from lightning.
12. **Use only the class 2 power transformer indicated in this manual**.
13. **Do not use a telephone to report a gas leak in the vicinity of the leak.**

CALLER ID SYSTEM OPERATION

Review Call Records—Use the Up or Down arrow to scroll through the caller ID records. If the number is longer than 13 digits, and arrow will show in the right corner of the LCD. Use the Up or Down arrow to show the other digits. Use the Up or Down arrow again to move to the next record. At the end of the records, the display will show END OF LIST.

Save Call Records—The phone stores 99 CID records. It drops the oldest record to make room for new calls. Save specific calls by deleting unnecessary call records.

Delete Single Numbers or All Records—While on-hook use Up or Down arrow to select the number to be deleted. Press the DEL button. The LCD will show DELETE? Press DEL again to confirm. To delete all records, press and hold DEL for 6 seconds. The LCD will show ALL DELETE? Press DEL to confirm.

Call Back from Dialed Number—While on-hook, press OK. The last dialed number will be displayed. Use Up or Down arrow to scroll to the desired number. Go off hook to dial the number.

Call Back from Caller ID—While off-hook, use Up or Down arrow to scroll to the desired number. Press OK to dial the number.

REVIEWING DISPLAY MESSAGES

Message Waiting—If you have voice mail service and a message is left, the message waiting LED will flash and the LCD will show MESSAGE WAITING. Also an envelope icon will show on the display. This will be displayed until the message has been retrieved.

No Calls—When all calls have been deleted, the display will show NO CALL.

Total and New Calls—The total calls are displayed at the bottom of the screen. New calls are displayed at the top right.

Private—If a caller has prevented his name and number from being sent, the display will show PRIVATE

Repeat—If a number calls more than once, REPEAT will appear in the upper right of the screen.

End Of List—This message is displayed when the end of the CID list has been reached with the Up or Down arrow.

Out of Area—This message will display when a call is received from an area which is not providing caller ID information.

CALLER ID ON CALL WAITING

When you subscribe to this feature from the telephone company and have activated it in your phone, the LCD will display the name and number of a second caller while you are on a call.

Use the FLASH button to answer the second call.

Use the FLASH button again to return to the first call.

INTRODUCTION

CHECK THE CONTENTS OF THE BOX

Box should contain

- Handset with handset cord and phone base
- Telephone line cord
- 3 AAA size 1.5V batteries
- User's manual
- Adapter (7.5V, 300 mA)

BATTERY AND ADAPTER INSTALLATION

The caller ID requires three AAA size batteries for LCD display.

1. Remove the battery cover from the base of the phone.
2. Insert three AAA size batteries. Be careful to observe the polarity markings.
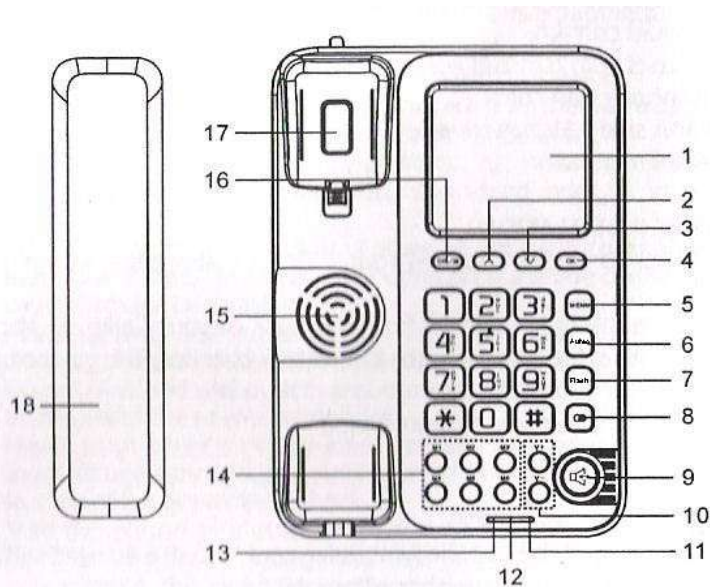3. Replace the battery compartment cover.

NOTES:

1. Do not recharge batteries.
2. Do not dispose of batteries in a fire.
3. Do not throw batteries in the trash. Dispose of them properly

CONNECTING LINE CORDS

1. Plug one end of the modular line cord into the line jack on the back of the phone.
2. Plug the other end of the cord into the telephone line jack.
3. Plug one end of the coiled cord into the telephone handset
4. Plug the other end of the coiled cord into the handset jack on the left side of the phone.

LOCATION OF CONTROLS

1. LCD display
2. ∧ button
3. ∨ button
4. OK button
5. MENU button
6. AUTO button (Memory)
7. FLASH button
8. ☎ (Redial) button
9. 🕪 button
10. V+ V− (Volume) buttons
11. New message indicator
12. In use indicator
13. New call indicator
14. Memory buttons (M1~M6)
15. Speaker
16. DEL/⊠ button
17. Hook switch
18. Handset

Hour Format Setting

Use the Up or Down arrow to select between 12 and 24 hour format. Press OK to confirm.

Date Format Setting

Use the Up or Down arrow to select between DD-MM and MM-DD format. Press OK to confirm.

Call Waiting

Use the Up or Down arrow to select between Call Waiting On and Call Waiting Off. Press OK to confirm.

RECEIVING CALL RECORDS

A Caller ID record consists of the following information.

- Total number of New Calls

- Time and Date

- Total number of Calls

- Weekday

Note that this feature requires caller ID service from your telephone company.

Back Light Time

1. Use the Up or Down arrow to select the back light time (10s/20s/30s/ OFF)

2. Press OK to confirm

Off Hook Light—This has two settings, ALL THE TIME will illuminate the display as long as the unit is off hook. FOR SECONDS will illuminate for the Back Light Time as in the previous setting.

LCD Contrast

There are 8 levels of LCD contrast. Use the Up or Down arrow to select the desired level. Press OK to confirm.

Time Setting

Use the keypad to enter the time, date and year. Press OK to confirm. After setting the year, the cursor for week will flash. Use Up or Down arrow to activate or deactivate this setting. If the weekday is activated, it will appear in the idle mode instead of the total calls.

Note that caller ID will set the date and time so this is not necessary if you have CID service.

Language Setting

The phone supports English, Spanish and French. Use the Up or Down arrow to select the desired language. Press OK to confirm.
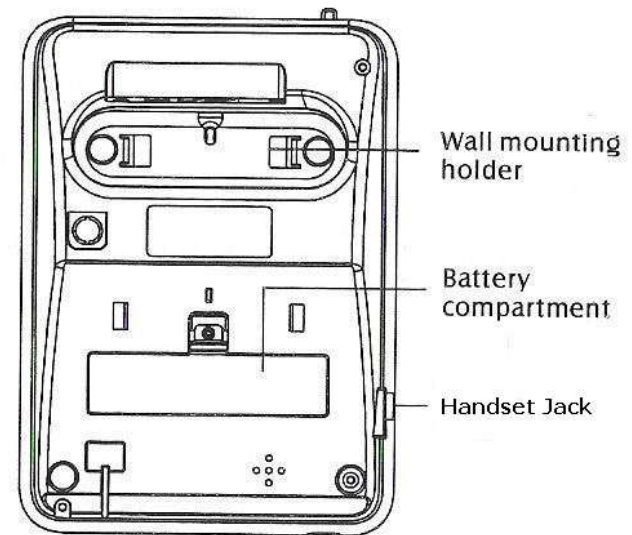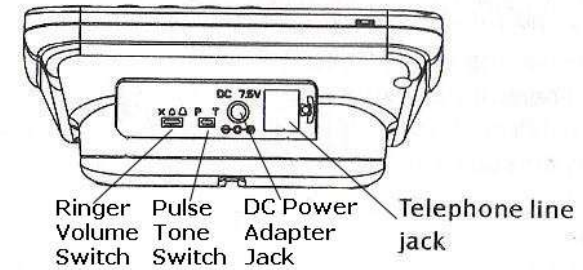
Area Code Setting

The area code should be entered so that the phone can correctly display local and long distance calls.

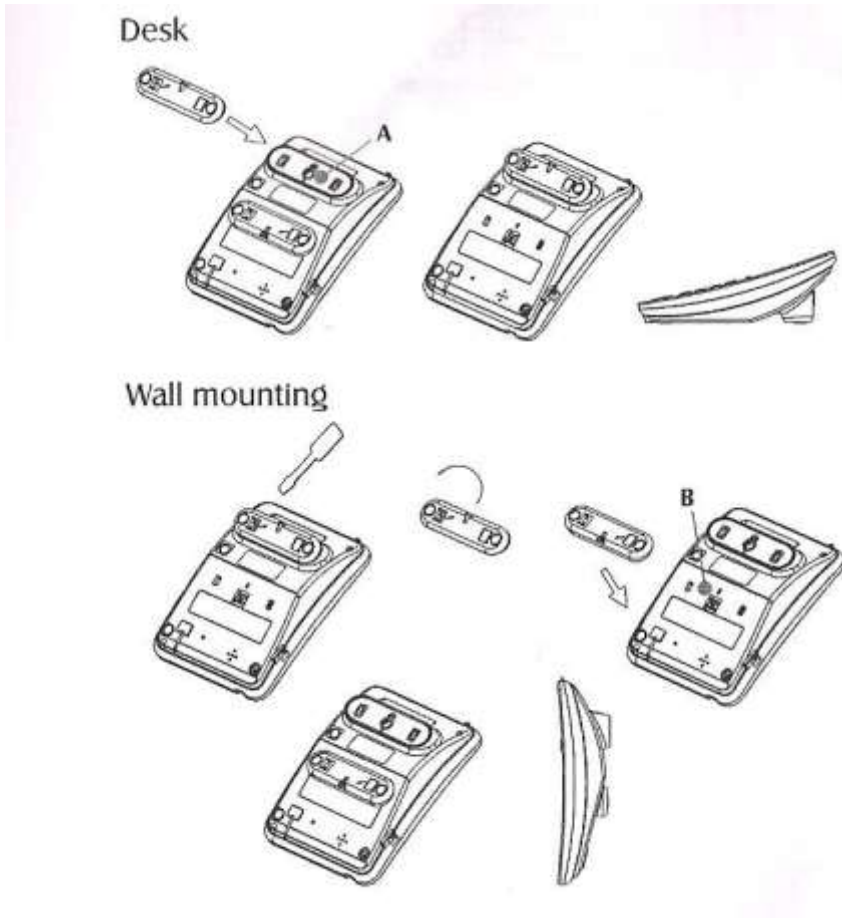Use the numeric keypad to enter the area code. Use # to delete a digit if necessary. Press OK to confirm.

Flash Time Setting

The flash time may be set to 100, 120, 300, or 600 mSec. Use the Up or Down arrow to select the desired time. Press OK to confirm.

DC 7.5V

Ringer Volume Switch   Pulse Tone Switch   DC Power Adapter Jack   Telephone line jack

Wall mounting holder

Battery compartment

Handset Jack

BRACKET INSTALLATION

Install the bracket to Area A to place the phone on a table. To use the phone on the wall, install the bracket in the B area. To remove the bracket, use a screwdriver.

Desk

Wall mounting

Reviewing a Phone Book Name

1. Press OK to select the phonebook menu. The LCD will show REVIEW>>.

2. Press OK.

3. Use the Up or Down arrow to review the names.

4. While on-hook, press the sequence number + # to review. For example, to review the seventh number, press 7#.

NOTE: If the number is longer than 13 digits, press the Up or Down arrow to view the other digits. Then press Up or Down arrow again to move to the next record.

Dialing from the phone book—While reviewing the phone book, go off-hook and the number will be dialed.

Deleting from the phone book—While reviewing the phone book, press the DEL button. The display will show DELETE ?. Press DEL again to confirm.

Copying Caller ID Number to the Phone Book

1. Use Up or Down arrow to select the number to be stored.

2. Press and hold OK until the first character of the name flashes.

3. Use the keypad to modify the name.

4. Press DEL to delete digits if required.

5. Press OK to confirm and move to the next digit.

6. Press and hold OK to store the record.

Back Light

When a button is pressed or the phone is off-hook the LCD backlight will be on. Press the OK button when the LCD shows BACK LIGHT TIME to enter this setting. Use the Up or Down arrow to select either Back Light Time or Off Hook Light.

FUNCTION OPERATIONS

Press the MENU button to set the special functions of the telephone. Use the Up or Down arrow to select the function to set. The functions are *PHONE BOOK, BACK LIGHT, LCD CONTRAST, SET TIME, SET LANGUAGE, SET AREA CODE, SET FLASH, HOUR FORMAT, DATE FORMAT, CALL WAITING.* Press the OK button to confirm or the DEL button to exit.

Phone Book

Use the keypad to enter characters in the phone book.

1—1 . , ? ! - " ' ( )

2—A B C a b c 2

3-D E F d e f 3

4-G H I g h I 4

5-J K L j k l 5

6-M N O m n o 6

7-P Q R S p q r s 7

8-T U V t u v 8

9-W X Y Z w x y z 9

0-0 + & @ / $ %

1. Press the OK button to select the phonebook menu. The LCD will show REVIEW>>. Press the Up or Down button to select the ADD >> menu. Press OK to enter.

2. Enter the telephone number. Use the DEL key to edit. A maximum of 20 digits can be entered.

3. Press and hold OK to enter the name mode. Use the keypad to enter the name. If the next character is on the same button as the previous one, press the OK button first. Use DEL to edit.

4. Press OK to store the record. Press DEL to exit.

FUNCTION BUTTONS

1. Ringer Volume Switch—The ringer volume switch has 3 positions (HI/LO/ OFF). To have maximum ringer volume, move the switch to the position with the big bell. To have LO volume, move the switch to the position with the small bell. To silence ringer, move the switch to the X position.

2. Speaker Volume Setting—The speaker volume has 8 levels. During a conversation, press the Up or Down arrow to adjust the volume. The volume level will be shown in the LCD.

3. Making a call

Handset

1. Pick up the handset.

2. Dial the desired number.

3. To end the call, hang up the handset

Speakerphone

1. Press the Speaker button. The speaker LED will light and dial tone will be heard.

2. Dial the desired number.

3. To end the call, press the Speaker button

4. Dialing Mode Switch—This switch is located on the back of the phone. Set it to the T position for DTMF dialing (Tone dialing). Set it to the P position for Pulse dialing (rotary dialing).

   NOTE: Press and hold the * key for 3 seconds to change temporarily from Pulse to Tone dialing.

5. Predialing– With the phone on hook, enter the number to be dialed. Use the DEL button to make any corrections. Pick up the handset or press the Speaker button to dial the number.

6. Hold—During a call, press HOLD to place a call on hold. The LCD will show "HOLDING" and the Hold LED will light. You can now hang up without disconnecting the call. To continue the conversation, lift the handset or press the Speaker button.

7. Redial—To redial the last number you have dialed, lift the handset or press the Speaker button and press the Redial button.

8. Pause—This allows you to insert a pause during the dialing sequence. This may be necessary when dialing long distance or international numbers.

9. Flash –Press this button to terminate a call and get a new dial tone or to answer a Call Waiting call. (Note that Call Waiting requires a service from the telephone company.)

10. Mute—Press the MUTE button to speak without being heard by the caller. To activate this feature, press MUTE. The LCD will show "MUTE." To resume the conversation, press MUTE again.

11. One –Touch Memory - Four numbers may be stored in the one-touch memory. There are 3 ways to store a number.

Method 1

1. While on-hook, press and hold AUTO until the LCD shows —>.

2. Enter the number to be stored.

3. Press AUTO

4. Press the desired memory location (M1-M4)

5. The LCD will show "SAVE OK."

Method 2

1. While on-hook, enter the number to be stored.

2. Press and hold the desired memory location (M1-M4) until the LCD shows "SAVE OK."

Method 3

1. Display a Caller ID record or other dialed number on the LCD.

2. Press and hold the desired memory location (M1-M4) until the LCD shows "SAVE OK."

Dialing from One-Touch Memory—While off-hook, press the desired memory location (M1-M4)

Reviewing One-Touch Memory—While on-hook, press the desired memory location (M1-M4) and the contents will be displayed on the LCD.

12. Two-Touch Memory –To store a number into two-touch memory

1. While on-hook, press and hold AUTO until the LCD shows —>.

2. Enter the number to be stored.

3. Press AUTO

4. Press one of the numeric keys (0—9)

5. The LCD will show "SAVE OK."

Dialing from Two-Touch Memory—While off-hook, press AUTO. Then press the desired memory location (0—9)

Reviewing One-Touch Memory—While on-hook, press AUTO and the desired memory location (0—9) and the contents will be displayed on the LCD.