1. Liquid Crystal Display (Multi-Angle LCD) - Displays the phone number, date and time and other information.
2. One-Touch Memories - Phone numbers can be stored for speed dialing.
3. Del/Set - Press and Hold for 3 seconds to bring up menu. Press to enter and confirm settings. Press to delete or edit the telephone number when reviewing caller IDs.
4. Call Back - When reviewing Caller ID records, press to dial the saved number.
5. - Press to enter the phone book.
6. VIP - Press to enter, set or remove VIP numbers.
7. Store - Press to store the one-touch speed dial memories.
8. AUTO RD (Auto Redial/Change Ring Tone)
   a. Press to auto redial the last dialed number continuously until the phone is answered.
   b. Press and hold for 3 seconds to change ring tone.
9. Redial/Pause - Press to redial and review the last dialed numbers.
10. Hold - Press to place the line on hold.
11. In Use/New
   a. Will light up when the unit is in use.
   b. Will flash when the unit has a new call.
   c. Will flash when the unit is on hold.

12. - Speakerphone/Headset Button
   a. Press for handsfree dialing and speak without lifting the handset.
   b. Plug in headset to change to headset mode. Press to talk or to end the call.

13. Message Waiting/Ringing Indicator - Will flash when the unit has message waiting information or when it is ringing.

14. - Volume Adjustment Buttons
   a. While on-hook, press and hold for 3 seconds to adjust the ringer volume.
   b. While using the speakerphone, press to adjust the speaker-phone volume.
   c. While using the handset, press to adjust the handset volume.

15. Flash - Provides a line break signal for accessing PBX services or Call Waiting from your local telephone company.

16. Dialing Keys (0-9,*,#)

17. CLID - Review Up and Review Down Buttons
   a. Press to review Caller ID Records
   b. While in menu, use to select telephone settings.

18. Speaker

19. Wall Mounting Hook - Turn 180 degrees to hang up the handset when the unit is mounted on the wall.

20. Hookswitch - Press to end a call.

21. Handset Hook - When the unit is mounted on the wall, this is used to hang up the handset without hanging up the line.
2. **Set the Contrast** - Press DEL/SET to access LCD CONTRAST setup. Press CLID to select the contrast (1-5). Press DEL/SET to confirm.

3. **Set Year, Date and Time** - Press DEL/SET to Access the YEAR, DATE and TIME setup. The digits of the year will flash. Press CLID to select the year and press DEL/SET to confirm. Use the same method to set the month, day, and time.

4. **Set Local Code** - Press DEL/SET to access the LOCAL AREA CODE setup, and the first of five digits will flash. Press CLID to select the digit and press DEL/SET to confirm. Use the same method to set the other digits. Example: If you set up area code 248, a call from (248)123-4567, will show on Caller ID as 123-4567 only.

5. **Set Prefix Code** – These codes are normally used to access a PSTN line from a PBX. After setting the local area codes, the first of three digits will flash. Press CLID to select the digit and press DEL/SET to save selection. Use the same method to set other digits if needed.

6. **Set the Ring Melodies** – The 8780 offers a choice of 16 different ring melodies. Press DEL/SET to access the RING MELODIES setup. Press CLID to select the desired melody (1-16) and press DEL/SET to confirm.

7. **Set the Ring Volume** - The 8780 offers a choice of 8 different ring volumes. Press DEL/SET to access the RING VOLUME setup. Press CLID to select the desired ring volume (1-8) and press DEL/SET to confirm.

8. **Set Flash Time** - Press DEL/SET to enter the FLASH TIME setup. Press CLID to select the flash time (100ms, 200ms, 300ms, 400ms, 600ms, 900ms) and press DEL/SET to confirm. Note: 600 mSec is the standard flash time for the United States.

9. **Set Pause Time** - Press DEL/SET to enter the PAUSE TIME setup. Press CLID to select the pause time (1.2S, 2.4S, 3.3S) and press DEL/SET to confirm.

10. **Set DTMF or Pulse Mode** - Press DEL/SET to access the dial mode setup. Press CLID to select the mode (DTMF or PULSE) and press DEL/SET to confirm.

11. **Set Caller ID Timings** – Press DEL/SET and the value for T1 will be displayed. Press DEL/SET again and the value for T2 will be displayed. Press DEL/SET again and the value for T3 will be displayed. These timing settings are for caller ID performance, and it is strongly suggested that the defaults be used.
OPERATION

TELEPHONE

1. **Make a Call** - Pick up the handset or press \( \text{\textcircled{1}} \) to get dial tone and dial the number. When the called party answers, the LCD will time the call automatically.

2. **Answer a Call** - Pick up the handset or press \( \text{\textcircled{1}} \) to answer a call.

3. **End a Call** - Hang up the handset or press \( \text{\textcircled{1}} \) to end a call.

4. **Switch Handset to Speakerphone** - Press \( \text{\textcircled{1}} \) and then hang up the handset to talk through the speakerphone.

5. **Switch Speakerphone to Handset** – While on a Speakerphone call, pick up the handset and the talk mode will switch automatically.

6. **Hold**
   a. **Handset** – While off-hook with the handset, press HOLD and the call will be muted. The LCD will say MUTE ON. You can still hear the other party, but the other party cannot hear you. Press HOLD again to return to the call. When the handset is hung up, the call is placed on HOLD and the IN USE/NEW LED flashes. Pick up the handset again to return to the call in speakerphone mode.
   b. **Speakerphone** – While off-hook with the speakerphone, press HOLD and the call will be placed on HOLD. Press HOLD or \( \text{\textcircled{1}} \) to return to the call in speakerphone mode. Pick up the handset again to return to the call in handset mode.

7. **Flash** - This function is used for transfer on most PBX systems and also for call waiting service from the telephone company.

8. **Pre-dial** – While on-hook, dial the phone number and then pick up the handset or press \( \text{\textcircled{1}} \). The number will be dialed automatically.

9. **Pause** - Press REDIAL/PAUSE to insert a pause in a speed dial number.

10. **Redial**
    a. **Last Number** – Go off hook. Press REDIAL/PAUSE and the last number dialed will be dialed out.
    b. **Review** – While on-hook press REDIAL/PAUSE repeatedly to review the last 16 dialed numbers. When
the desired number is displayed, go off hook and it will be dialed.

11. **Auto Redial** – With the phone on-hook, press AUTO RD to auto redial the last dialed number. If the line is busy when using the monitor, the phone will automatically redial the number up to 15 times.

12. **One-Touch Speed Dial Memories:**
   a. **STORE** - With the phone on-hook, press STORE, then input the phone number you wish to store (up to 32 digits). Then press the desired one-touch memory key (M1 – M10).
   b. **DIAL** - Go off hook and press M1 ~ M10 to dial the stored phone number automatically.

**CALLER ID**

1. **Caller ID Review** – While on-hook, press CLID ▼ or CLID ▲ to review the caller’s phone number and the call time.

2. **Delete Caller IDs**
   a. Press CLID or CLID to find the call you wish to delete. Press DEL/SET once quickly to delete a single call.
   b. Press CLID or CLID until a Caller ID record is displayed. Press and Hold DEL/SET for 3 seconds to delete all calls.

3. **Call Back from the Caller IDs** – While on-hook, press CLID or CLID to select the number you wish to dial. Press CALL BACK and the number will be dialed. If you have set up LOCAL CODE and PREFIX, press CALL BACK twice to add a prefix and area code.

4. **VIP Number**
   a. While on-hook, press CLID or CLID to select a number you wish to set as a VIP number. Press VIP and the number will be set as a VIP number.
   b. To remove VIP designation, simply press VIP again while the number is displayed.
PHONE BOOK

1. **Store Phone Book Memories** – While on-hook, press \[2\]. LCD will display ADD SEARCH
   a. Press CLID to add. Enter the name using the keypad. Use 0 to add a space. Use DEL/SET to delete characters.
   b. Press \[3\] to enter the telephone number.
   c. Press \[4\] to save and enter another name and phone number. You can store up to 80 names and phone numbers in the phone book. Once you reach 80, the LCD will display MEMORY FULL.

2. **Review Phone Book**:
   a. Press \[5\] to access the phone book page. Press CLID and LCD will display "PLS Input Name". Enter the name to review the telephone number.
   b. Press CLID to review the phone book.
   c. Alphabetical searching is supported. If you enter a letter then you can review the phone book by the first letter of the name.

3. **Delete** – While reviewing the phone book, press and hold DEL/SET for 3 seconds to delete the name and number.

4. **Dialing from the Phone Book**
   a. While reviewing the phone book on-hook, go off hook to dial the displayed phone number.
   b. While reviewing the phone book off-hook, press REDIAL/PAUSE to dial the displayed phone number.