



e80[™] Personal Messaging Device

Reference Guide

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1. Safety Information and FCC Compliance

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.

READ THIS INFORMATION BEFORE USING YOUR e80 PERSONAL MESSAGING DEVICE.

1.1 RF Operational Characteristics

Your e80™ Personal Messaging Device contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The e80 device operates in the frequency range of 900 MHz to 1990 MHz and employs digital modulation techniques.

When you communicate with your e80 device, the system handling your call controls the power level at which your e80 device transmits. The output power level typically may vary over a range from 0.063 watts to 1.58 watts.

1.2 Exposure to Radio Frequency Energy

Your e80 device is designed to comply with the United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J guidelines regarding exposure of human beings to radio frequency electromagnetic energy:

To assure optimal e80 device performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

1.3 e80 Device Operation and EME Exposure

Body-worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear an e80 device on your body when transmitting, always place the e80 device in a PerComm supplied or approved holster. Use of non-PerComm-approved accessories may exceed FCC RF exposure guidelines. If you do not use a body-worn accessory, ensure the device is at least 0.5 cm from your body when transmitting.

Electromagnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

- **PUBLIC FACILITIES**

To avoid electromagnetic interference and/or compatibility conflicts, turn off your e80 device in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

- **AIRCRAFT**

When instructed to do so, turn off your e80 device when on board an aircraft. Any use of an e80 device must be in accordance with applicable regulations per airline crew instructions.

- **MEDICAL DEVICES**

Pacemakers: The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless communication device and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.

Persons with pacemakers should:

- ALWAYS keep the e80 device more than six inches (15 centimeters) from their pacemaker when the e80 device is turned ON.
- Not carry the e80 device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the e80 device OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids: Some digital wireless e80 devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices: If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

1.4 Safety and General Information

Use While Driving

Check the laws and regulations on the use of wireless communication devices in the area where you drive. Always obey them. When using your e80 device while driving, please:

- Give full attention to driving and to the road.
- Pull off the road and park before sending or responding to a message.

1.5 Operational Warnings

For Vehicles with an Air Bag

Do not place a portable e80 device in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If the e80 device is placed in the air bag deployment area and the air bag inflates, the e80 device may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your e80 device prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Important: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Blasting Areas

To avoid possible interference with blasting operations, turn off your e80 device when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

1.6 Operational Cautions

Batteries

The PerComm lithium ion battery contains a built-in protection circuit, however, all batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

1.7 FCC Compliance

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

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

This device 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 device generates, uses and can radiate radio frequency energy and, if not setup and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur due to a particular use of the device. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 separation between the device and receiver
- Connect the device into an outlet on a circuit different from that which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

2. Getting Started

2.1 Unpacking Your e80 Device

Figure showing
E80 parts and
accessories

Your e80 device comes with the following parts and accessories:

- PerComm 3.6V lithium ion battery
- Wall mount charger and power cable
- Holster
- Lanyard cord
- CD-ROM
- e80 Device Quick Start Guide
- Optional RS232-compatible serial cable.

2.2 Installing the Battery

The battery cabinet is protected by a battery cover that can be removed by pressing down on the thumb grip and sliding outwards. The cabinet itself is designed expressly for PerComm lithium ion batteries, and does not accept any other type of battery. Attempting to use any other type of battery will cause damage to your e80 device.

Figure showing
battery cover
being removed

Figure showing
battery being
installed

Figure showing
battery being
installed

Figure showing
battery cover
being replaced

1. On the rear side of the e80 device, remove the battery cover by pressing down and outwards (in the direction of the arrows imprinted on the cover) on the cover thumb grip.
 2. Position the PerComm lithium ion battery in the cabinet opening as follows:
 - the metal contacts on the back of the battery line up with the metal contacts inside the cabinet
 - the label is facing upwards
 - the battery is at a 30° angle, the lower edge against the L-shaped spring mechanism inside the battery cabinet.
 3. Press downwards with one finger or thumb on the word "PERCOMM" on the battery, and with the other hand push the upper edge of the battery down and into the cabinet, so that the tabs on the edges of the battery fit into the appropriate cabinet slots. The battery should snap into place, with the labeled side facing upwards.
- CAUTION:** Do not force the battery in; if properly lined up it should slide in easily.
4. Place the battery cover on top of the battery with the cover lugs fitting into the cabinet slots and leaving a gap of approximately 0.2" (0.5 cm) between the leading edge of the cover and the cabinet, and then push the cover tongue into place.

When a charged PerComm battery is installed, the e80 device turns on automatically and the Main Menu appears in the LCD display.

CAUTION: You can only use a PerComm battery in your e80 device. Use of any other type of battery may cause damage to your e80 device.

2.3 Charging the Battery

You must charge the PerComm battery before using the e80 device for the first time.

Figure showing
power cord being
inserted

5. Plug the power cable into the right side of the external connector on your e80 device.

The power cable has a special connector specifically for the power connector on the e80 device (see Figure 1 on page 9).

6. Plug the power supply into any 110 AC power outlet.

The Battery Charging screen will appear on the LCD display. It will show the progress of the battery charging and indicate when charging is complete.

Figure showing
battery charging
indicator

7. When charging is complete, unplug the e80 device from the power cable by tilting the connector plug up or down before pulling it out.

The plug comes out easily when snapped up or down; it is designed not to come out easily when pulled away from the e80 connector.

You are now ready to begin using your e80 device.

2.4 Attaching the Lanyard

A post is provided on the left side edge of the e80 device (with the display and keyboard facing towards you) for attaching the lanyard.

3. About Your e80 Personal Messaging Device

The main features of your e80 device are the LCD display and the keyboard on the front panel, the external connector on the front edge, and the battery cabinet on the rear. Figure 1 below shows the front panel and front and side edges of the e80 device.

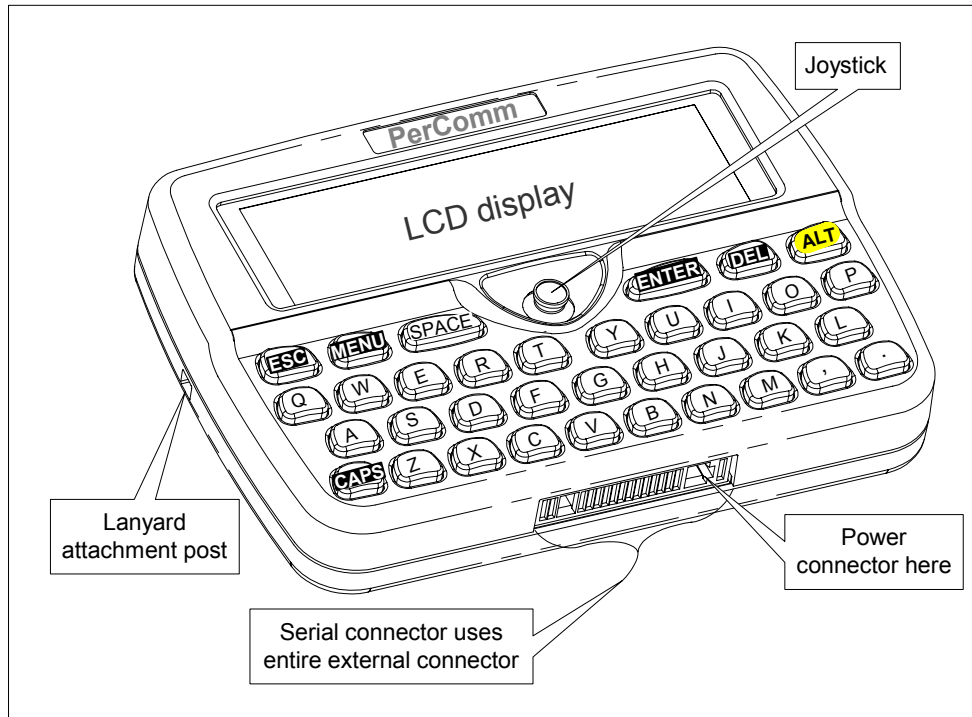


Figure 1: e80 Device Front Panel

3.1 The External Connector

An external connector is located on the front edge of your e80 device. You can plug in either the AC/DC power transformer cable to charge or recharge your battery, or the serial cable to connect to a PC to exchange information between your e80 device and the computer. The serial connector plug uses the entire external connector; the power connector plug only uses the right side.

3.2 The Back Light

The LCD display and keyboard keys can be backlit for use in low light conditions. Use the **ESC** key to turn the back light on and off.

1. To turn ON the back light, press **ESC** and hold down for 2 sec. Until the back light appears. The LCD display and all key labels are clearly visible even in complete darkness.
2. To turn OFF the back light, press **ESC** and hold down 2 sec. until back light disappears.









The back light will turn off automatically after the device has been in idle mode for a period of time (you can specify the idle time length in the Preferences menu).

3.3 The LCD Display

As soon as you insert a charged PerComm battery in your e80 device, the LCD screen will show a display of icons in two groups. The larger icons to the left are the Main Menu; the smaller icons to the right are the Status Indicators.









The Main Menu

The Main Menu displays icons that allow you to select the different functions of your e80 device. In the order that they appear (left to right, top to bottom), the icons represent the following functions:

Selecting this Icon...	displays....
 SEND A MESSAGE	The compose message screen
 INBOX	The contents of the Message Inbox (received messages)
 NEWS	The News submenu (News folders)
 OUTBOX	The contents of the message Outbox (sent messages)
 FOLDER	The Folders submenu of main folders
 ADDRESS BOOK	The Address Book list of contacts and groups
 PREFERENCES	The Preferences menu
 POWER OFF	Turns the e80 device OFF.

System Status Indicators





Status indicators are smaller icons on the right side of the LCD display screen. Their appearance tells you important status information about your e80 device. In the order that they appear (top to bottom, left to right), the indicator icons provide the following status information:

This Indicator...	tells you....
 Coverage	No Coverage, 1-Way, or 2-Way
 Battery Life	% battery charge remaining
 Alert Setting	Silent, Vibrate or Tone
 Signal Strength	Optional: forward channel signal strength
 Unread Inbox Messages	Flashes when there are new messages.
 Alarm #1	The time set and repeat frequency (once, daily, weekly, etc.) for Alarm #1. Flashes when in Snooze Mode.
 Alarm #2	The time set and repeat frequency (once, daily, weekly, etc.) for Alarm #2. Flashes when in Snooze Mode.
 Message Transmission Status	Only appears when transmissions are occurring; indicates number of message transmissions pending, and whether transmission was successful.

Device Mode Indicators

Device mode indicators appear in the upper right corner of the LCD display when certain device modes are in effect. For example, if Caps Lock is on, that will be displayed on screen.

This Indicator... tells you...

	Shift or Caps Lock is on (for typing a single uppercase letter, or multiple uppercase letters).
	Alt or Alt Lock is on (for typing a single number or special character, or multiple numbers/special characters).
	You can scroll upward to view more text or menu items.
	You can scroll downward to view more text or menu items.

3.4 The Joystick: Navigating in Different Modes

The joystick can be pressed (pressed into the device, or “clicked”), and pushed left (←), right (→), up (↑ – toward the LCD display) and down (↓ – away from the LCD display).

Depending on whether a menu, a message, or a set of fields or checkboxes is currently being displayed, the joystick can perform different functions. The primary behavior and exceptions for each joystick action are described below.

Do this	...to do this	...or press this key:
Push joystick ← (left)	→ Return to previous menu <i>Except in:</i> Main Menu – Move one icon left View Message Mode – View previous message Edit Text Mode – Move one character left	ESC none none none
Push joystick → (right)	→ Display a popup menu on the right <i>Except in:</i> Main Menu – Move one icon right View Message Mode – Display next message Edit Text Mode – Move one character right	MENU none none none
Push joystick ↑ or ↓ (up or down)	→ Move one line, icon or checkbox up or down <i>Except in:</i> Option Fields – Move to previous or next field	none none
Press joystick	→ Display selected menu, screen or message <i>Except in:</i> View Message Mode – Display a popup menu on the right Edit Text Mode – Display a popup menu on the right Option Fields – Display next option in field Checkboxes – Select or clear checkbox	ENTER MENU MENU ENTER ENTER
Press ENTER	<i>In:</i> View Message Mode – To display next page of message	

The **MENU** key always displays a popup menu on the right, if one is available.

The **ESC** key always exits from the current display to the previous menu or screen.

3.5 The Keyboard

The keyboard contains two different kinds of keys:

- Text entry keys
- Control (function) keys.

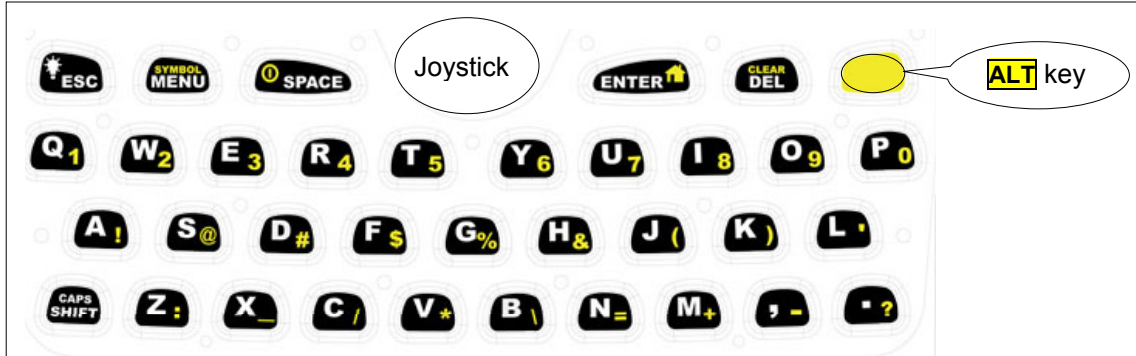


Figure 2: The Keyboard: Control and Text Keys

Text Entry Keys

Each regular keyboard key is capable of producing 3 kinds of text:

- Uppercase characters (use **SHIFT** to access them)
- Lowercase characters
- Special characters (appear yellow on text entry keys, use **ALT** to access them).

Control Keys

Control keys provide more control and navigation options:

Press this key... to do this....

ESC	Once to exit from current submenu or text screen. Press and hold to turn backlight on or off.
MENU	Display a popup menu on the right side of the screen.
ENTER	In most modes, same as pressing the joystick. In Edit Text Mode: enter a Carriage Return (start a new line of text). In View Message Mode: go to the next screen (page) of the message.
DEL	Delete one character to the left of the cursor.
SHIFT	Once to type an uppercase letter; Twice for Caps Lock (all uppercase); Once again to return to lowercase characters.
ALT	Once to type a number or special character shown in yellow on a text entry key; Twice for Alt Lock (all numbers or special characters); Once again to return to normal characters.
ALT-ENTER	Return to Main Menu.
ALT-DEL	Clear (delete) all characters to the left of the cursor.

3.6 Navigation Conventions in this Manual

In this manual various operations are described using the navigation conventions described below.

This...	means....
Go to PREFERENCES → Options	<ol style="list-style-type: none"> 1. In the Main Menu, push the joystick until the PREFERENCES icon is highlighted, then press the joystick (or press ENTER) to display the Preferences menu. 2. Then push the joystick ↑ (up) or ↓ (down) until the >Options item is highlighted and press the joystick to display the Options submenu.
Select >New Folder	Push the joystick ↑ (up) or ↓ (down) until the >New Folder item in a menu is highlighted, then press the joystick to display the New Folder screen.
Set to "Yes"	In an option field, press the joystick until "Yes" is displayed.
Open a popup menu	<p>Press MENU or push the joystick →.</p> <p>In Edit Text or View Message Modes, you cannot push the joystick → to open the popup menu, but you can always press MENU to open a popup.</p>

4. Setting Up Your e80 Device

Your e80 device comes with certain options already set for you. You can change any of the options listed in the Preferences Menu, save them, or reset to the original (factory default) settings. Some settings, such as Owner Information, are not set in advance, so you will want to configure that as soon as possible.

4.1 Viewing System Information

Now try out a Main Menu option. To view useful system information about your e80 device:

1. Select the **PREFERENCES** icon in the Main Menu.
Push the joystick to move to the Preferences icon, then press the joystick (or press **ENTER**) to select it.
The Preferences menu appears in the LCD display.

```

PREFERENCES
>Alarm Clock
>Date and Time
>Mailbox Alerts
>Options
>Owner Information
>Private Time
>Message Timestamp
  
```

Indicates that there are more options below, use the joystick to scroll downward.

This view and others in the manual show an 8-line display; for a larger font you can also set your e80 device to display only 5 lines. See *Customizing Display Features* on page 42.

2. Select **>About** from the Preferences menu.
Push the joystick ↓ (down, or away from the LCD display) until **>About** appears in the display and is highlighted:

```

PREFERENCES
>Owner Information
>Private Time
>Message Timestamp
>Quick Text
>Address Book Options
>Signature
>About
  
```

Indicates that there are more options above, use the joystick to scroll upward.

3. Press the joystick or press **ENTER** to select the About screen:

```

S/W version:      v2.0.3
MSN:              123456
H/W Version:      B
Coverage:         Send and Receive
Battery:          76%
AA Memory Used:   55%
BB Memory Used:   45%
CC Memory Used:   25%
  
```

- software version number
- device serial number
- hardware version number
- network service level
- % battery charge level
- % used of memory available for address book
- % used of memory available for news messages
- % used of memory available for messages and folders

4. When finished, push the joystick ← to exit from the About display and return to the Preferences menu.

4.2 Entering Owner Information

To enter personal contact information:

1. Go to **PREFERENCES** → **Owner Information**.
The Owner Information screen appears.
You can move between each entry by pushing the joystick **↑** or **↓**.
2. Enter text, using the keyboard:

Owner Information	
Name:	
Phone:	
Comment:	

3. Press **ESC** to save text and exit from the Owner Information screen.
The Preferences submenu is displayed.

4.3 Setting Date and Time

To set the correct date and time on your e80 device:

1. Go to **PREFERENCES** → **Date and Time**.
The Date and Time submenu is displayed.

Date and Time	
Time Format:	12hr
Time:	04 39 PM
Date:	Feb 28 2003

- if Time Format is set to 24hr, then **PM** or **AM** will not be displayed.

2. Push the joystick **↑** or **↓** to move from one field to another, and press the joystick to change options in each selectable field.

Note that you cannot push the joystick **←** or **→** to move left and right, you must push **↑** to move left and **↓** to move right.

3. Set **Time Format** to "24hr" (for 24-hour clock format) or "12hr" (for 12-hour clock format only).
4. Set the current **Time**:
HH (00–23 for 24-hour format, or 01–12 for 12-hour format)
MM (not changeable: set automatically by system)
AM/PM (only if 12hr format selected).

If 24-hour format has been selected, then nothing is displayed in the AM/PM field.

5. Set the current **Date**:
MMM ("Jan", "Feb", "Mar", etc.)
DD (01–31)
YYYY (4 digits for year, for example: "2003").
6. Push the joystick **←** to save and exit from Date and Time.

4.4 Turning Your e80 Device Off and On

You can turn off your e80 device by selecting **POWER OFF** in the Main Menu.

Turn it back on by pressing and holding the **ENTER** key until the Main Menu icons appear in the LCD display.

5. Sending Messages

You can compose and send messages to other wireless and email addresses.

To start, select **SEND A MESSAGE** in the Main Menu.

The Send A Message screen is displayed:

SEND A MESSAGE To: <input type="text"/> Msg:	<i>Cursor is in the To field.</i>
---	--

5.1 Entering an Address Manually

Type a wireless or email address in the **To** field.

NOTE: You can only type one address. If you want to send a message to more than one address, select **>Add Contact**.

5.2 Selecting a Contact from the Address Book

- Press **MENU** to open the Message Options popup menu.

SEND A MESSA To: Msg:	MESSAGE OPTIONS >Manual Entry >Add Contact >View Selected
--	---

- Select **>Add Contact**. The Address Book contact list is displayed.

ADDRESS BOOK <input checked="" type="checkbox"/> *Sally Doe <input checked="" type="checkbox"/> *Tom Brown <input type="checkbox"/> *Zac Lee <input type="checkbox"/> Alice Anka	<input checked="" type="checkbox"/> Indicates that this contact has been selected. * Indicates that this contact has a "Frequent" setting, which puts the name at the top of the Address Book list of contacts
---	---

- Select one or more names from the Address Book.
A checkbox will be selected when you press the joystick for that name. You can select as many names as you like.

4. Push the joystick **←** to exit the Address Book.
The name(s) you have selected will appear in the **To** field.

There is only one display line for the **To** field, so if several contacts were selected, they may not all fit on the display.

5. Press **MENU** to open the Message Options popup menu again.
6. Select **>View Selected** in the popup menu to display a complete list of contacts that have been added to the **To** field.

```
SELECTED ADDRESSES
Manual.entry@abc.com
Sally@work.com
Tom@hotmail.com
```

5.3 Editing or Adding a Manual Address Entry

If you wish to edit a manual address you have already entered, or enter a manual address if you have not already done so, Then:

1. Press **MENU** to open the Message Options popup menu and select **>Manual Entry**.
2. Type your changes or new entry.

```
MANUAL ENTRY
To: manual
```

3. Press **ESC** to save text and exit the Manual Entry screen.

5.4 Composing your Message

Move the cursor (push the joystick **↓**) to the **Msg** field and enter your message.

Compose a Message using Quick Text

You can use preset phrases (Quick Text) in your outgoing message. This is text you have created using the Quick Text option (see *Creating Quick Text for Messages* on page 23).

1. With the cursor in the **Msg** field, press **MENU** to open the Message Options popup menu.

SEND A MESSA To: Tom@hotm Msg: Tom, Sally: .	MESSAGE OPTIONS >Send >Insert Quick Text >Insert Memo >Save to Draft
--	--

2. Select **>Insert Quick Text** from the popup menu.
A list of predefined Quick Text messages is displayed.
3. Select the desired Quick Text from the list.
The list closes and the Quick Text is inserted at the cursor in the message area.

You can also insert memos, by selecting **>Insert Memo** from the popup menu (see *Creating a Memo* on page 36).

Save a Draft of your Message

At any time you can save your message for completing later.

1. While editing your message, press **MENU** to open the Message Options popup menu.
2. Select **>Save to Draft**.
The message will be saved in your \Draft folder (see *Managing Personal Folders* on page 38).

5.5 Sending your Message

3. When you have completed your message, press **MENU** to open the Message Options popup menu.
4. Select **>Send**.
The message display and popup menu close automatically and the Main Menu is displayed.

You will see the Message Transmission status symbol flashing until the message transmission is completed. Your sent message will be saved in the **OUTBOX**.

6. Managing Incoming Messages

6.1 Reading a Message

If a Quickview New Message Received popup is displayed, select “Yes” in the popup to display the message.

Or:

1. Select **INBOX** in the Main Menu.

A listing is displayed of all messages in your Inbox, organized from the newest (at the top) to the oldest.

```
INBOX
* >Steve@infoserve.net Got your mes
* >Ellie@home.com We've finally dec
* >Can you pick up groceries on you
* >Tom@hotmail.com Bring your pack

[with you when you come. Jay      ]
[
```

* Symbol indicating message status: Read, Unread, Forwarded, Replied To, Reply Failed.

Open highlighted message by pressing joystick.

Preview of highlighted message text.

2. Scroll through the Inbox menu of received messages to the desired message.
3. Press the joystick to select and open the message for viewing.
4. Press **ESC** to return to the Inbox when finished reading the message.

6.2 Replying to a Message

1. Scroll to the desired message in your **INBOX** and press **MENU** to open the Inbox Options popup menu.

INBOX	INBOX OPTIONS
* >Steve@inf	>Reply
* >Ellie@hom	>Forward
* >Can you p	>Delete
* >Tom@hotma	>Move to Folder
	>Mark as Unread
[with you wh	>Delete Read Messages
[>Delete All Messages

You can press **MENU** at any time to open a popup menu. If you open the Inbox Options popup *after* opening a message, the menu will have different options listed than if you open the popup menu *before* opening the message.

2. Select **>Reply** to open the Reply Options menu.

REPLY OPTIONS >Compose Reply <input type="checkbox"/> MORE <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> On my way <input type="checkbox"/> Will call later <input type="checkbox"/> See you in 15 minutes
--

- ☐ An MCR: system "canned message"
- ☐ An automatic response

3. Select **>Compose Reply** to open the Compose Reply screen;
Or:
Select an automatic response (any of the other selections in the Reply Options menu) to automatically send the selected reply message.

"MORE" is a system-generated automatic response (MCR) that prompts the system to send the next portion of the message. You can continue to select "MORE" until the entire message has been received.
4. If **>Compose** was selected, type your message, then press **MENU** to open the popup menu for more options:

Reply: I loo Regards, Ton	MESSAGE OPTIONS >Send >Insert Quick Text >Insert Memo >Save to Draft
----------------------------------	---

6.3 Forwarding a Message

1. Scroll to a message in the **INBOX** menu and press **MENU** to open the Inbox Options popup menu.
2. Select **>Forward** from the popup menu.
3. Type an address in the **To** field, or,
select one or more names from the Address Book (see *Selecting a Contact from the Address Book* on page 17).
4. Add any text to the **Msg** field to preface the forwarded message.
5. Press **MENU** to open the Message Options popup menu and select **>Send**.
The message display and popup menu close automatically and the message is sent.

6.4 Deleting Messages

1. Scroll to the message you want to delete.
2. Press **MENU** to open the Inbox Options popup menu and select one of:
>Delete to delete a single selected message;
>Delete All Messages to delete all messages in your Inbox;
>Delete Read Messages to delete all messages that are marked as Read. Messages marked as "Unread" will not be deleted.

7. Managing Outgoing Messages

7.1 Reviewing Sent Messages

You can read messages that you have sent in the same way that you read new messages:

1. Select **OUTBOX** in the Main Menu and scroll to the desired message.
2. Press the joystick to select and open the message for viewing.

7.2 Canceling a Sent Message

You can cancel a message after you have sent it and before it has been successfully sent. This is useful if the network is busy and you decide to cancel the Send operation and retry later.

While the message transmission indicator is flashing (in the Main Menu screen):

1. Open the **OUTBOX** and select the message you wish to cancel.
2. Press **MENU** to open the Outbox Options popup menu and select **>Cancel**.

7.3 Resending a Message

You can resend a message that was not sent successfully.

1. Select **OUTBOX** in the Main Menu to view messages that you have sent.
2. Scroll to the message you wish to resend.
3. Press **MENU** to open the Outbox Options popup menu and select **>Resend** to resend the message to the same recipients as before.

7.4 Deleting Messages

Any message can be deleted from the Outbox.

3. Select **OUTBOX** in the Main Menu, and scroll to the message you want to delete.
4. Press **MENU** to open the Outbox Options popup menu and select one of:
 - >Delete** to delete a single selected message;
 - >Delete All Messages** to delete all messages in your Outbox.

8. Other Messaging Options

8.1 Creating Quick Text for Messages

Quick Text can be saved in your e80 device for reuse when composing messages or memos. This is a way to create shortcuts for frequently used sentences or phrases. You can add or delete text items in the Quick Text menu.

Add a new Quick Text Item

1. Go to **PREFERENCES** → **Quick Text**.

<p>QUICK TEXT</p> <p>txt:Where shall we meet?</p> <p>txt:Who will be there?</p> <p>txt:Thanks for your help.</p>
--

2. Press **MENU** to open the Quick Text options popup menu.

<p>QUICK TEXT</p> <p>txt:Where sha</p> <p>txt:Who will</p> <p>txt:Thanks fo</p>	<p>QUICK TEXT OPTIONS</p> <p>>New Quick Text</p> <p>>Edit</p> <p>>Delete</p> <p>>Delete All</p>
---	---

3. Select **>New Quick Text** and enter the text in the Quick Text screen.

<p>QUICK TEXT</p> <p>Text:</p> <p>Meet me for lunch.</p>
--


4. When done, push the joystick **←** to save and exit.

When text is saved in Quick Text, it is added to the bottom of the current list of phrases or sentences in the Quick Text menu. You can view your saved text by scrolling down through the menu.

Edit an Existing Quick Text Item

1. In the Quick Text submenu, select the Quick Text item to be edited.
2. Press **MENU** to open the Quick Text Options popup menu and select **>Edit**.

Quick Text	QUICK TEXT OPTIONS
txt:Where sha	>New Quick Text
txt:Who will	>Edit
txt:Thanks fo	>Delete
txt:Meet me f	>Delete All

3. Make changes to the text in the Quick Text screen and push the joystick  to save and exit.

When the edited text is saved in Quick Text, you can view the new version of the text by scrolling down through the menu.

Delete an Existing Quick Text Item


1. In the Quick Text submenu, select the item to be deleted.
2. Press **MENU** to open the Quick Text Options popup menu and select **>Delete**.
3. Verify the deletion in the confirmation message that appears by selecting "Yes".

The deleted text item no longer appears in the Quick Text submenu.

8.2 Customizing the New Message Alert

You can change your Inbox Alert settings or turn the alert on or off.

1. Go to **PREFERENCES** → **Mailbox Alerts**.
The Mailbox Alerts submenu is displayed.

Mailbox Alerts		You can scroll down to see more alerts.
Alerts:	Yes	
Volume:	Medium	
>Inbox		
>Weather		
>Stock Market		
>Entertainment		
>News Events		

2. Set **Alerts** to "Yes" (ON) or "No" (OFF).
3. Set the **Volume** level to one of "Low", "Medium", or "High".
4. Select **>Inbox**.
The Inbox Alert submenu is displayed.

Inbox Alert
Type: 1 Beep
Rebeep
Repeat: 2 times
Interval: 1 min
Quickview: Yes

5. Set **Type** to your desired option. This may be one of Silent, Vibrate, or a selection of alerts provided by your network carrier.
6. Set **Rebeep Repeat** to one of: "None", a number from 1 to 5, or "Forever".
7. Set **Rebeep Interval** to one of: "30 sec", "1 min", "2 min", "5 min", or "10 min".
8. Set **Quickview** to "Yes" or "No".

If Quickview is set to "Yes", then a New Message Received popup appears on the LCD display when a new message arrives. You can open the new message by selecting "Yes" in the popup, or you can close the popup by pressing any key.

9. Push the joystick **↵** to save and exit from Inbox Alert.

8.3 Setting a Message Timestamp

Messages are *timestamped* by the system when they are received on your e80 device. You can also have your e80 device timestamp messages:

1. Go to **PREFERENCES** → **Timestamp**.
The Timestamp submenu is displayed.

```

Message Timestamp
Timestamp:  Yes
Time:      24hr
Date:      Full

```

2. Set **Timestamp** to "Yes" (ON).
3. Set **Time** to "12hr" for 12-hour time format
or "24hr" for 24-hour time format.
4. Set **Date** to one of: "Full" (Feb 28, 2003),
"dd/mm/yyyy" (28/03/2003) or
"mm/dd/yyyy" (03/28/2003).
5. Push the joystick **↵** to save and exit from Timestamp.

8.4 Creating an Automatic Signature

You can create a personal signature and add it automatically to any outgoing message.

1. Go to **PREFERENCES** → **Signature**.

```

Signature
Append to Msg:  Yes
Signature:

```

2. In the **Append to Msg** field, select "Yes".
3. Enter text for your personal signature in the next 4 lines.
All 4 lines will be added to new messages, only the first line will be added to reply messages, so it is a good idea to put your name in the first line and optional text (job title, company, address, etc.) in the following lines.
4. Push the joystick **↵** to save and exit from Signature.

8.5 Saving Messages in the Personal Folder

You can save any message in your Personal folder in **FOLDERS**. For more information on folders, see Managing Personal Folders on page 38.

1. Select **INBOX** or **OUTBOX** in the Main Menu, and scroll to the message you want to move.
2. Open the Inbox (or Outbox) Options popup menu and select **>Move to Folder**.
If there are no subfolders in your Personal Folder, the message will be stored there automatically. Otherwise, a list of all your Personal subfolders will be displayed.
3. Scroll to the subfolder you wish to store your message in and press the joystick to move the message into that folder.
The LCD display will return to the Inbox (or Outbox) list and the saved message will no longer be listed there.

9. Managing the Address Book

You can store names and email or wireless addresses on your e80 device for quick access when sending messages. You can also create group lists to send messages to multiple recipients with a single address entry.

Select **ADDRESS BOOK** in the Main Menu to display the Address Book list of contacts.

9.1 Adding a Contact to the Address Book

1. In the Address Book, press **MENU** to open the Options popup menu.

ADDRESS BOOK	OPTIONS
*Sally Doe	>New Contact
*Tom Brown	>New Group
*Zac Lee	
Alice Anka	

2. , Select **>New Contact** to display the New Contact screen and type the person's first name Scin the **First Name** field:

EDIT CONTACT	T
First Name: Ed	
Last Name:	
Title:	
<input type="checkbox"/> Wireless Addr:	

You can scroll down to see more fields to edit.

3. Continue to move down to each field and enter the appropriate text.
4. Select the checkbox for each wireless or email address or phone number that can be used in a message **To** field.
 - Phone numbers can only be used if enabled by the carrier.
 - If no checkbox is selected, then this contact cannot be used in a message **To** field and is for information purposes only.
5. Set the **Usage** option field to "Normal" or "Frequent".

You can set Usage to "Frequent" for up to 10 contacts that are used most often. This will put the contact name at the top of the Address Book list, and it will also appear in the regular portion of the list.

- When done, press **MENU** to open the Options popup menu and select:
 >Save to save the new contact and return to the Address Book;
 >Delete to discard the new contact and return to the Address Book.

ADDRESS BOOK First Name: E Last Name: Br Title: Servic <input checked="" type="checkbox"/> Wireless Ad <input type="checkbox"/> Home Email: <input type="checkbox"/> Work Email: <input type="checkbox"/> Home Phone:	OPTIONS >Save >Delete
---	--

9.2 Adding a Group to the Address Book

- In the Address Book, press **MENU** to open the Options popup menu and select **>New Group**.
- In the New Group screen type a name for the group in the **Name** field.
- Set **Usage** to "Normal" or "Frequent" (groups that are used most often and should appear at the top of the Address Book list).
- Press **MENU** to open the Options popup menu and select **>Edit Contact List** to view a list of existing contacts (but not groups) in your Address Book.
- Scroll down the list and select the checkbox for each contact that you wish to add to the group.

CONTACT LIST <input checked="" type="checkbox"/> *Sally Doe <input checked="" type="checkbox"/> *Tom Brown <input type="checkbox"/> *Zac Lee <input type="checkbox"/> Alice Anka

You cannot add addresses manually; you can only add contacts that you have already created in your Address Book.

- You can add a contact to your Address Book now by opening the Options popup menu and selecting **>New Contact**.

Or:

You can view more information about a highlighted contact by selecting **>View Contact**.

CONTACT LIST <input checked="" type="checkbox"/> *Sally Doe <input checked="" type="checkbox"/> *Tom Brown <input type="checkbox"/> *Zac Lee <input type="checkbox"/> Alice Anka	OPTIONS >New Contact >View Contact
---	---

A screen will be displayed with the detailed Contact information:

Sally Doe
General Motors
Home: 604-555-4567
Work: 888-555-9876
<input checked="" type="checkbox"/> WA: sally.doe@wireless.com
<input type="checkbox"/> HR: sdoe@home.com
<input type="checkbox"/> WE: sally.doe@work.com
Service Technician

- If necessary, edit the information displayed (select **>Edit** in popup menu) and select:
>Save to return to the contact list, or
>View Contact to display more detailed information about that contact.
- When done adding contacts to the group, exit and save the new group in your Address Book.

9.3 Viewing Contact or Group Information

- In the Address Book, scroll to a contact or group you wish to view.
The contact or group name is highlighted.
- Press the joystick to display address information for that contact or group.
- You can press **MENU** and select **>Edit** in the Options popup menu to edit the contact information.

Ed Brown	OPTIONS
Ford Motor Co	>Edit
Home: 604-555	>Forward
Work: 888-555	
<input checked="" type="checkbox"/> WA: ed.brow	
<input type="checkbox"/> HE: eddy@ho	
<input type="checkbox"/> WE: ebrown@	
Servicing Cle	

9.4 Editing a Contact or Group

- In the Address Book, scroll down to the contact or group that you wish to edit.
The contact or group name is highlighted.
- Press **MENU** to open the Options popup menu and select **>Edit Contact** or **>Edit Group**.
The Edit Contact or Edit Group screen is displayed.
- In the Edit Contact screen, scroll down through the fields in the display and make changes as needed.
In the Edit Group screen, press **MENU** to open the Options popup menu and select **>Edit Contact List**.

Choir	OPTIONS
Usage: Normal	>Save
Ed Brown	>Edit Contact List
Mary Clancy	
Lena Ng	

Make changes as required in the displayed contact list and select **>Save** in the Options popup to return to the Edit Group screen.

4. Press **MENU** to open the Options popup menu again and select:
 >Save to save changes and return to Address Book
 >Delete to discard changes and return to the Address Book.

9.5 Deleting a Contact or Group

1. In the Address Book, scroll to the contact or group name that you wish to delete.
 The contact or group name is highlighted.
2. Press **MENU** to open the Options popup menu and select **>Delete Contact** or **>Delete Group** and then "Yes" in the Delete Confirmation screen.

The contact or group is deleted from the Address Book contact list.

9.6 Forwarding a Contact

You can send information about any of the contacts in your Address Book to another address.

1. While viewing a contact, press **MENU** to open the View Options popup menu and select **>Forward**.
 A Send Message screen is displayed with the contact information in the **Msg** field.
2. Type an address in the **To** field or add a contact from the Address Book.
3. Press **MENU** to open the Message Options popup menu and select **>Send**.

9.7 Customizing your Address Book

Go to **PREFERENCES** → **Address Book** to view the Address Book Options submenu:

Address Book Options
Contact List Sort: **Last Name**
Contact Field 1: [Misc 1]
Contact Field 1: [Misc 2]

Change the Sorting Order

The list of contacts in the Address Book can be sorted by First or Last Name.

1. Select **Contact List Sort** in the Address Book Options submenu.
2. Select either "First Name" or "Last Name".
3. Push the joystick **←** to save and exit from Address Book Options.
 The next time you open the Address Book, the entries will be listed alphabetically by first or last name, depending on your selection.

Add a Contact Label

Each contact entry in the Address Book has two additional fields whose labels can be modified:

- Misc 1 (default label)
- Misc 2 (default label).

1. Select **Contact Field 1** (or **2**) in the Address Book Options submenu.
2. Type a new label for that field.
The label will be updated in all of the Address Book entries.
3. Push the joystick **←** to save and exit.

10. Reading News

If you are subscribed to one or more news services, you can receive, read, forward, delete and save news messages.

10.1 Reading a News Message

If the Quickview popup is displayed, then select the News message you wish to read and press the joystick.

Or:

1. Select **NEWS** in the Main Menu.
2. Select a News folder in the News submenu.
3. Highlight the message you wish to read and press the joystick to display it.

The News message is displayed. Alternately, you can highlight the desired message in the News submenu and then press **MENU** to open the News Options popup menu and select **>View Message**.

Stock Market	NEWS OPTIONS
* *Market Up	>View Message
* *Market Up	>Forward Message
* *Market Up	>Delete Message
* *Market Up	>Move to Folder
* *Market Up	>Delete Read Messages
[date*---Dow	>Delete All Messages
[Indu 2293.90	

10.2 Forwarding News

1. While the News message is displayed, press **MENU** to open the News Options popup menu and select **>Forward Message**.
The Forward A Message screen is displayed.
2. Enter an address in the **To** field. You can do this manually or by selecting contacts from your Address Book (in the Message Options popup menu).
3. Add any text to the **Msg** field to preface the forwarded News message.
4. Press **MENU** to open the Message Options popup menu again and select **>Send**.

The News message is sent to the addressee(s) and the display changes to the Main Menu screen.

10.3 Deleting News

You can delete any or all News messages. News messages will also be deleted automatically when a new message is received and your News folder is already full.

Automatic Deletion when News is Full

When your News folders become full, your e80 device will automatically delete News messages to make room for a new incoming News message. The order of priority for automatic message deletion is:

1. The oldest messages marked as Read are deleted first.
2. If all Read messages have been deleted, then the oldest Unread messages will be deleted.

Note that any News messages saved in the \News Archive folder will not be deleted.

Delete News Messages while in a News Subfolder

To delete News messages yourself:

1. While a News message is highlighted in the News menu, press **MENU** to open the News Options popup menu and select one of:

- >Delete Message delete the selected message
- >Delete Read Messages delete all messages marked as Read in this folder
- >Delete All Messages delete all messages in this folder.

Stock Market	NEWS OPTIONS
* *Market Up	>View Message
* *Market Up	>Forward Message
* *Market Up	>Delete Message
* *Market Up	>Move to Folder
* *Market Up	>Delete Read Messages
* *Market Up	>Delete All Messages
* *Market Up	

Or:

After opening a News message for viewing, press **MENU** to open the News Options popup menu and select **>Delete Message**.

2. Select "Yes" in the Confirmation message.

Depending on the option selected, the selected News message, all News messages marked as Read, or all messages will be deleted.

Delete News Messages while in the News Menu

Alternately, you can delete messages as follows:

1. While a News folder is highlighted in the News menu, press **MENU** to open the News Options popup menu and select one of:

- >Delete All Read - delete all messages marked as Read in *this* News folder
- >Delete All Msgs - delete all messages in *this* News folder
- >Del All Read Msgs - delete all messages marked as Read in *all* News folders
- >Del All News Msgs - delete all messages in *all* News folders.

NEWS	NEWS OPTIONS
\Entertainment	>Move Folder Up
\Market	>Move Folder Down
\Weather	>Delete All Read
\Sports	>Delete All Msgs
	>Del All News Msgs
	>Del All News Read

Note that News messages saved in the \News Archive folder in **FOLDERS** will not be deleted using any of these Delete options.

2. Select "Yes" in the Confirmation message.

Depending on the option selected, all News messages or all marked as Read, will be deleted in the selected folder, or in all folders (but not in the \News Archive folder).

10.4 Reordering News Folders

1. Select a News folder, press **MENU** to open the News Options popup menu and select one of:
 >Move Folder Up
 >Move Folder Down.
2. When you have finished moving folders, select **>Back** in the News Options popup menu to close the popup.

10.5 Customizing News Alerts

You can turn alerts on or off and change the volume for all alerts (both News and Inbox), or modify the type of alert for different kinds of messages.

1. Go to **PREFERENCES** → **Mailbox Alerts**.
The Mailbox Alerts submenu is displayed.

```
Mailbox Alerts
Alerts:  Yes
Volume:  Medium
>Inbox
>Weather
>Stock Market
>Entertainment
>News Events
```



You can scroll down to see more alerts.

2. Set **Alerts** to “Yes” (ON) or “No” (OFF) and set the **Volume** level to one of “Low”, “Medium”, or “High”.

Note that this affects both Inbox and News messages; do not make changes to these two items unless you intend them for all message alerts.

3. Select one of the News types (*Weather*, *Stock Market*, etc.) that you wish to set an alert for. The News Alert Options submenu is displayed.

```
News Alert #1
Service:  Yes
Type:     Vibrate
Quickview: Yes
History:  10
```

Set News Alert Options

1. Set **Service** to either:
 “Yes” (receive a message and create folder for it) or
 “No” (message will not be received and associated folder will be deleted).
2. Set **Type** to your desired option. This may be one of Silent, Vibrate, or a selection of alerts provided by your network carrier.
3. Set **Quickview** to either:
 “Yes” (a popup display of the new News message will appear automatically) or
 “No” (no popup display).

In the Quickview popup you can choose to display the new message by pressing the joystick, or close the popup by pressing any other key. If no choice is made, the popup will eventually close by itself.

4. Set **History** to a number from 1 to 20 or "No Limit", for the maximum number of messages to be stored in the folder.

When the maximum number for a folder is reached, then your e80 device will automatically delete messages from that folder according to the deletion rules for *Automatic Deletion when News is Full* on page 32. Messages will also be deleted when the e80 device runs out of News message memory.

10.6 Saving News in the News Archive Folder

You can archive any news message in your News Archive folder in **FOLDERS**. For more information on folders, see Managing Personal Folders on page 38.

1. After selecting the News message for viewing, press **MENU** to open the News Options popup menu and select **>Move to Folder**.

If there are subfolders in the \News Archive folder, a menu of all those subfolders will be displayed.

If there are no subfolders, then the News message is moved to the \News Archive folder and no further action is necessary.

2. Scroll to the folder or subfolder you wish to store your message in and press the joystick to move the message into that folder.

The message will be deleted automatically from your News.

11. Creating and Managing Memos

You can create and save text files on your e80 device. These can also be added to mail messages that you send out.

11.1 Creating a Memo

You can create and store memos in **FOLDERS** on your e80 device.

1. Go to **FOLDERS** → **Wemos** and press **MENU** to open the Memo Options popup menu.

MEMOS	MEMO OPTIONS
Budget	>New Memo
To Do List	>Edit
Sparks	>Delete
	>Delete All

2. Select **>New Memo** to open the New Memo screen.

MEMO
Label: <input type="text"/>
Text:

3. Enter a name for your memo in the **Label** field. For example: *Shopping*.
4. Enter the memo text in the **Text** field. For example: *Pickup tomato sauce, noodles, peppers*.
5. Press **MENU** to open the Memo Options popup menu and select **>Save**.
The memo and the popup menu close and the memo label (*Shopping*) appears in the Memos folder.

11.2 Viewing a Memo

To read a memo you have already created:

1. Go to **FOLDERS** → **Wemos** And scroll to the desired memo.
2. Press the joystick to display the memo text.

11.3 Editing a Memo

1. Go to **FOLDERS** → **Wemos** and scroll to the memo to be edited.
2. Press **MENU** to open the Memo Options popup menu and select **>Edit**.
3. Make any changes in the Edit Memo screen.
4. Press **MENU** to open the Memos Options popup menu again and select **>Save**.
The changes are saved and the memo and popup menu are closed.

11.4 Deleting a Memo

1. Go to **FOLDERS** → **Memos** and scroll to the memo to be deleted.
2. Press **MENU** to open the Memo Options popup menu and select **>Delete**.
A confirmation message appears; select “Yes” in the message.

The memo is deleted from the folder submenu.

11.5 Inserting a Memo into a Message

You can insert a memo into an outgoing message (in **SEND A MESSAGE**).

1. With the cursor in the **Msg** field of a new outgoing message, press **MENU** to open the Message Options popup menu.

SEND A MESSA	MESSAGE OPTIONS
To: Tom@hotm	>Send
Msg:	>Insert Quick Text
Tom, Sally:	>Insert Memo
.	>Save to Draft

2. Select **>Insert Memo** from the popup menu.
A list of saved memos is displayed.
3. Select the desired memo from the list.
The list closes and the text of the memo is inserted at the cursor in the message field.
4. When done, press **MENU** to open the Message Options popup menu and select **>Send**.

12. Managing Personal Folders

You can store messages, news, memos and any text files in your e80 device Folders. You can create subfolders in the News Archive and Personal subfolders for organizing the messages that you save there. When you select **FOLDERS** from the Main Menu, 4 subfolders are displayed:

- **\Draft** - for messages being created or edited
- **\Memos** - for memos that you create
- **\News Archive** - for storing news messages
- **\Personal** - for storing mail messages.

12.1 Creating a New Subfolder for Mail or News Messages

You can only create subfolders in the Personal and News Archive folders for organizing your saved mail or news messages.

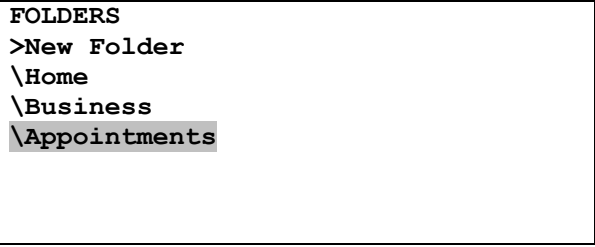
1. Select **FOLDERS** in the Main Menu.
2. Select the **\News Archive** or **\Personal** folder.
You cannot create new subfolders in the Draft or Memos folders.
3. Select **>New Folder** and press **MENU** to open the Folder Options popup menu.

FOLDERS	FOLDER OPTIONS
>New Folder	>New Folder
\Home	>Edit Name
\Business	>Delete
	>Delete All

4. Select **>New Folder** in the popup menu to open the New Folder screen.

FOLDERS
Folder Name: <input type="text"/>

5. Enter a name for the new subfolder.
6. Press **MENU** to open the Folder Options popup menu again and select **>Save**.
The New Folder submenu closes and the new subfolder appears in the Personal folder submenu.



```
FOLDERS
>New Folder
\Home
\Business
\Appointments
```

12.2 Editing a Subfolder Name

You can change any subfolder name by selecting it in the Folders menu, pressing **MENU** to open the Folder Options popup menu, and selecting **>Edit Name**.



12.3 Deleting Subfolders

You can delete a subfolder by selecting **>Delete** in the popup menu, or delete all subfolders by selecting **>Delete All**.

13. Setting Personal Options

Your e80 device comes with certain options already set for you. You can change any of the options listed in the Preferences Menu, save them, or reset to the original (factory default) settings.

To start, select **PREFERENCES** in the Main Menu.

<pre>PREFERENCES >Alarm Clock >Date and Time >Mailbox Alerts >Options >Owner Information >Private Time >Quick Text</pre>	 <i>Scroll down to see more.</i> <i>"Alarm Clock" settings described below.</i> <i>See page 15 for "Date and Time" settings.</i> <i>See page 24 for "Mailbox Alerts" settings.</i> <i>See page 42 for "Options" settings.</i> <i>See page 15 for "Owner Information" settings.</i>
<pre>PREFERENCES >Options >Owner Information >Private Time >Quick Text >Address Book >Signature >About</pre>	 <i>Scroll up to see more.</i> <i>See page 42 for "Private Time" settings.</i> <i>See page 23 for "Quick Text" settings.</i> <i>See page 30 for "Address Book Options" settings.</i> <i>See page 25 for "Signature" settings.</i> <i>See page 14 for "About" information.</i>

13.1 Setting Up the Alarm Clock

You can set one or two alarms on your e80 device. For example, you may set Alarm #1 for a wake-up time on weekdays and Alarm #2 for a weekend wake-up time.

1. Go to **PREFERENCES** → **Alarm Clock**.
The Alarm Clock menu is displayed.

<pre>Alarm Clock Alert Volume: Medium >Alarm #1: OFF >Alarm #2: ON</pre>
--

2. Set **Alert Volume** to one of "High", "Medium", or "Low".

In the Alarm Clock menu, you can see whether either alarm is set ON or OFF. To set an alarm that is currently OFF, do the following:

3. Select **>Alarm #1** (which is currently set OFF) to open the Set Alarm #1 submenu.

```

Set Alarm #1
Alarm Clock: No
Frequency:  Once
Time:       [HH] : [MM] [AM]
Alert Type: Beep 1
Snooze:     Yes
Comment:

```

4. In the Alarm #1 submenu you can make the following changes:
 - **Alarm Clock:** set to "Yes" to turn ON, or "No" to turn OFF
 - **Frequency:** set alarm alert to sound "Once" (once only), "Daily" (every day), "Weekday" (every weekday), or "Weekend" (every Saturday and Sunday), at the specified time
 - **Time:** set the hour (00–12), minute (00–59) and AM or PM (only if "Time and Date" has been set to 12-hour format) for the alarm alert
 - **Alert Type:** set to your desired option. This may be one of Silent, Vibrate, or a selection of alerts provided by your network carrier.
 - **Snooze:** "Yes" (alarm alert will sound up to 3 more times at 10 minute intervals) or "No" (only one alarm alert)
 - **Comment:** enter text to describe Alarm (e.g., *Dental appointment*); this will appear in the Alarm Alert popup.
5. When done, save and exit from the Alarm #1 submenu and return to the Alarm Clock menu.
6. You can select **>Alarm #2** and make similar changes there as well.
7. Push the joystick **←** to save and exit from Alarm Clock.

13.2 Alarm Alerts

When the alarm alert is triggered, an alarm alert screen appears on top of whatever was currently being displayed. Press any key to stop the alarm, but the popup remains onscreen until you close it or turn off the alarm.

```

Alarm #1: Dental Appointment
9.30AM Sep 28 Wed
>Close
>Turn off Alarm #1

```

Close the Alarm Alert Popup

Select **>Close** from the Alarm Alert popup menu.

- If Snooze is ON (set to "Yes" in Alarm #1 or #2 submenu), then the popup will reappear when the alarm alert is repeated in 10 min. You cannot turn off the alarm until the popup reappears.
- If Snooze is OFF (set to "No" in Alarm #1 or #2 submenu), then the popup will not reappear.

Turn Off and Reset the Alarm

Select **>Turn Off Alarm** from the popup menu.

- The alarm is set to the next alarm time, if any (for example, next day at same time) and the popup is closed.

13.3 Setting Private Time

Private Time allows you to turn off Message Alerts for a specified period of time every day (for example, when you are asleep at night). To configure Private Time:

1. Go to **PREFERENCES** → **Private Time**.

The Private Time submenu opens and you can make changes by pushing the joystick **↑** or **↓** to move from field to field.

```
Private Time
Private Time: No
Start Time: [HH] : [MM] {AM}
End Time:   [HH] : [MM] {AM}
Alert at End: Yes
```

2. Set **Private Time** to “Yes” to turn on Private Time.
3. Enter the **Start Time** by clicking in each field until the desired number or option appears: hours (01–12), minutes (00–59) and AM/PM (only if Time and Date is set to 12-hour format in the Preferences menu)
4. Enter the **End Time** by clicking in each field until the desired number or option appears: hours (01–12), minutes (00–59) and AM/PM (only if Time and Date is set to 12-hour format in the Preferences menu)
5. Set **Alert at End** to “Yes” (default) or “No”.
When set to Yes, an alert sounds at the end of Private Time if new messages have been received since the start of Private Time.
6. Push the joystick **↵** to save and exit from Private Time. Private Time is now turned on and will go into effect for the selected time period (from Start Time to End Time).

13.4 Customizing Display Features

You can customize your e80 device display with a number of display options.

1. Go to **PREFERENCES** → **Options** to open the Options submenu.

```
Options
Contrast:      Low
Confirm Delete: Yes
Erred Msg Alert: No
Font Size:     8-line
Keyclick:      No
Screen Timeout: 30 sec
Message Privacy: No
```



You can scroll down to see more menu options.

Options	
Confirm Delete:	Yes
Erred Msg Alert:	No
Font Size:	8-line
Keyclick:	No
Screen Timeout:	30 sec
Message Privacy:	No
Timestamp:	No



You can scroll up to see more menu options.

2. Make changes in the Options submenu as desired. Push the joystick or to move from field to field, and press the joystick to change options in each field.

Contrast: Set the LCD display contrast to one of “Low” (default), “Medium”, or “High”.

Confirm Delete: for a confirmation message whenever you delete a message or other item on your e80 device, set to “Yes” (default: confirmation message will be displayed), or “No” (no confirmation message will be displayed).

Erred Msg Alert: Set to “Yes” to sound an alert when an erred message is received, or “No” (no erred messages received, no alert required).

An erred message is a message with transmission errors. If your e80 device is enabled for accepting erred messages, then turning on the Erred Msg Alert option will set an alert whenever such a message is received. As soon as a corrected version of the message is received it will replace the erred version.

Font Size: Set to “5-line” for larger font or “8-line” (default) for smaller font.

Keyclick: Set to “Yes” for an audible click whenever the joystick or any key is pressed, or “No” (default) for no click.

Screen Timeout: Set to “30 sec” (default) or “60 sec”.

After the e80 device has been idle for the selected length of time, the LCD screen will go blank to conserve energy.

Message Privacy: If your e80 device is enabled for Message Privacy, then you can set this option to “Yes” for no signal or alert for a new message, or “No” for an alert when a new message is received.

Timestamp: Set to “Yes” to display device timestamp at the end of Inbox and News messages, or “No” (default) to not display device timestamp.

If the network sends a timestamp with the message and Timestamp is set to “Yes”, then two timestamps will be displayed.

3. Push the joystick to save and exit from Options.

14. Maintenance

14.1 General Care

Clean with a soft cloth dampened with soap and water.

Do not immerse in water. Do not use alcohol or other cleaning solutions.

Do not expose to excessive heat or extreme shock or moisture.

14.2 Battery Care

The Battery Life Status Indicator will flash on the e80 LCD display screen when the battery needs recharging.

14.3 Charging the Battery

Figure showing
power cord being
inserted

1. Plug the power cable into the right side of the external connector on your e80 device.

The power cable has a special connector specifically for the power connector on the e80 device (see Figure 1 on page 9).

2. Plug the power supply into any 110 AC power outlet.

The Battery Charging screen will appear on the LCD display. It will show the progress of the battery charging and indicate when charging is complete.

Figure showing
battery charging
indicator

3. When charging is complete, unplug the e80 device from the power cable by tilting the connector plug up or down before pulling it out.

The plug comes out easily when snapped up or down; it is designed not to come out easily when pulled away from the e80 connector.

14.4 Removing and Replacing the Battery

Under normal circumstances your PerComm lithium ion battery should not need replacing for many years. If you do need to replace it, follow these instructions.

First, removed the battery from the battery cabinet:

Figure showing
battery cover
being removed

1. On the rear side of the e80 device, remove the battery cover by pressing down and outwards (in the direction of the arrows imprinted on the cover) on the cover thumb grip.

2. Grip the battery at the thumb hole on the lower side of the battery cabinet and pull the battery upwards and out.

Now, replace the battery in the battery cabinet:

Figure showing
battery being
installed

3. Position the PerComm lithium ion battery in the cabinet opening as follows:
 - the metal contacts on the back of the battery line up with the metal contacts inside the cabinet
 - the label is facing upwards

Figure showing
battery being
installed

- the battery is at a 30° angle, the lower edge against the L-shaped spring mechanism inside the battery cabinet.

4. Press downwards with one finger or thumb on the word "PERCOMM" on the battery, and with the other hand push the upper edge of the battery down and into the cabinet, so that the tabs on the edges of the battery fit into the appropriate cabinet slots. The battery should snap into place, with the labeled side facing upwards.

CAUTION: Do not force the battery in; if properly lined up it should slide in easily.

Figure showing
battery cover
being replaced

5. Place the battery cover on top of the battery with the cover lugs fitting into the cabinet slots and leaving a gap of approximately 0.2" (0.5 cm) between the leading edge of the cover and the cabinet, and then push the cover tongue into place.

When a charged PerComm battery is installed, the e80 device turns on automatically and the Main Menu appears in the LCD display.

CAUTION: You can only use a PerComm battery in your e80 device. Use of any other type of battery may cause damage to your e80 device.

15. Troubleshooting

<i>e80 device does not turn on</i>	<i>Check the battery.</i> Is it charged, properly fitted, and are the contacts clean and dry?
<i>You can't send messages</i>	<i>Check the signal strength meter.</i> If the signal is weak, move to an open space or, if in a building, move close to a window. <i>Check your coverage setting.</i> Are restrictions set?
<i>You can't receive messages</i>	<i>Check the signal strength meter.</i> If the signal is weak, move to an open space or, if in a building, move closer to a window.
<i>The battery won't charge</i>	<i>Check the charger.</i> Is it properly connected? Are its contacts clean and dry? <i>Check the battery contacts.</i> Are they clean and dry? <i>Check the battery temperature.</i> If it is warm, let it cool before recharging. <i>Is it an old battery?</i> Replace the battery. <i>Are you using a PerComm original battery?</i> The e80 device is only designed to work with PerComm lithium ion batteries.
<i>The battery loses charge faster than normal</i>	<i>Are you in an area of variable coverage?</i> This uses extra battery power. <i>Is it a new battery?</i> A new battery needs two to three charge/discharge cycles to attain normal performance. <i>Is it an old battery?</i> Battery performance declines after several years of use. <i>Are you using your e80 device in extreme temperatures?</i> At extreme hot or cold temperatures, battery performance is significantly reduced.

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