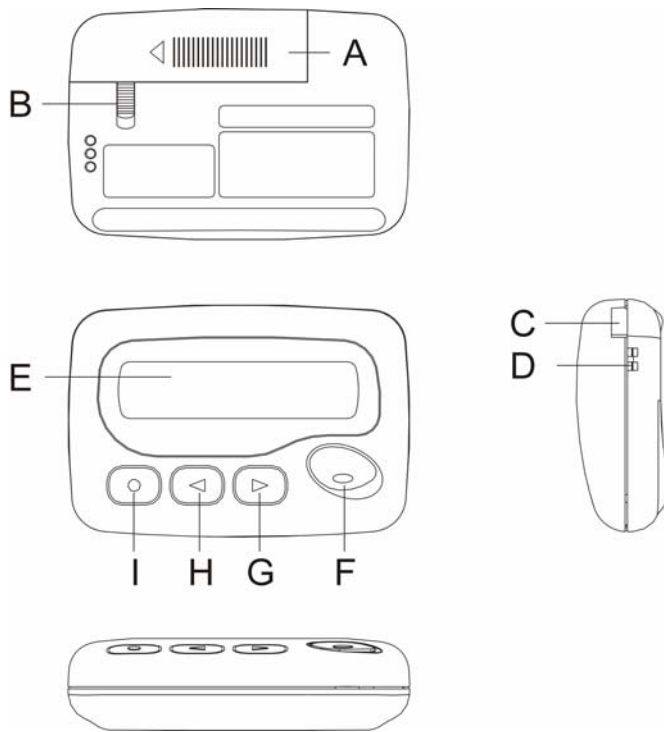


Contents



I. Pager Layout.....	1
II. Features.....	2
III. Guide to Operation.....	5
1. Power On/Off.....	5
1.1 Power On.....	5
1.2 Power Off	5
2. Private Messages.....	6
2.1 Read Private Messages	6
2.2 Protect Private Messages	8
2.3 Delete Private Messages	9
2.4 Memory Full Indication.....	9
3. Public Message.....	10
3.1 Read Public Message	10
4. Function Setting.....	12
4.1 Time Setting	12
4.2 Alarm Setting	14
4.3 Automatic Power On/Off Setting	15
4.4 Melody Setting	17
4.5 Contrast Setting.....	18
4.6 Alert Mode Setting	18
4.7 Public Message Alert Mode Setting....	19
4.8 Display Memory Occupancy	21
4.9 Auto backlight Setting.....	23
IV. Precautions.....	24



- A. Battery Door
- B. Battery Lock
- C. Chain Slot
- D. Sounder
- E. LCD display screen
- F. Read Key
- G. Right Key
- H. Left Key
- I. Selection Key

II. Features

1. Max. 8 cap codes which can set as Private or Public and individually enabled or disabled. All cap codes are frame independent.
2. Tone type: 24 tone types for numeric, alphanumeric, Tone Only, Disable and urgent call function.
3. 5*8 dot-matrix structure, two-line LCD display, 20 characters can be displayed on each line, 40 characters total.
4. Power Up Message can be set up to 40 characters.
5. Up to 24 Public message folders.
6. Up to 60 Private messages can be stored. The user can lock a maximum of 35 Private messages.
7. Up to 100 entries can be stored and allocated freely to any public message folder.
8. LCD can be adjusted to 20 levels of contrast.
9. Calendar display with day and date.
10. Real time clock.

11. Private messages can be locked, unlocked and deleted, either individually or all.
12. Repeated message indication "  " and indication for message error (blinking erroneous characters)
13. Message time stamping.
14. Receiving alert function settable for each entry of Public message.
15. Unread message indication.
16. No message indication.
17. Three alert modes: buzzer, motor, mute.
18. In range or out of range indication.
19. Backlight.
20. Low battery indication "  " and "LOW CELL" alert. The indication will disappear only when the user replaces the old battery with a new one. The pager will shutdown if the power is too low. Follow the steps below when replacing battery:
 - (a). Switch off the pager.
 - (b). Unlock and push open the battery compartment cover. Take out the old battery.
 - (c). Put the new AAA alkaline battery into the compartment. Make sure that the polarity is correct.
 - (d). Refit the battery compartment cover and lock it.
 - (e). Switch on the pager.
21. Melody function is disabled when standard A, B, C, D tone alert is selected by service provider. Otherwise, 10 melodies are available for user selection.
22. Memory display.
23. Automatic power on/off.
24. Fast reading message function.
25. Urgent Call : when selected as Valid, pager will alert with a special "Two Tone + Vibrate" alarm or "Two Tone" alarm. This Urgent Call will override any Alert Mode setting, and will always take first priority. Urgent Call can be set in any address and any tone type individually and more than one . Alert will stop when any key is pressed.
26. Low Battery Special Alert option: the display will read "LOW CELL" and vibrate B pattern for 3 seconds, then repeat after 15minutes. "LOW CELL" will remain on the screen until the battery is replaced together with the low battery icon .If a new message comes in (or No service is displayed)then this will take priority, but the icon will remain on the screen . Once the message has finished displaying, then the "LOW CELL" text will be displayed again.
27. Special Out of Range option: when out of the service area, pager will display "NO SERVICE" and generate 'A' pattern vibration until a key is pressed. It will then vibrate for 3 seconds every 15 minutes as a reminder until back in service.

III. Guide to Operation

1. Power On/Off

1.1 Power On

Press Read key for 2 seconds, the Power Up Message appears, with the sound or vibration alert generated for 16 seconds, or until a key is pressed.



```
HELLO MESSAGE
```

1.2 Power Off

1.2.1 Press Selection key until the Setup menu appears:



```
CONTRAST MEMORY  ALERT POWER OFF
```

1.2.2 Press "◀" or "▶" to choose POWER OFF, then press Read key to confirm.

2. Private Messages

When a new message is received, the pager will sound or vibrate to alert the user. The new message will then be displayed automatically on the screen.

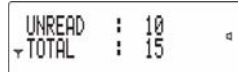
2.1 Read Private Messages

On the standby screen, Power Up Message screen or real time clock screen, press Read key or "◀", "▶" to display the private message. Pager will first check if there are any private messages stored. If there are no stored messages, the screen will display:



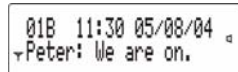
```
NO MESSAGE
```

Otherwise, the screen will display:



```
UNREAD : 10  
TOTAL : 15
```

Press "◀" or "▶" to read messages forward or backwards, press Read key to read the remainder of the current message.



```
01B 11:30 05/08/04  
Peter: We are on.
```

If pre-time stamp function is pre-programmed on the pager, the first and last page of the private message will be:

```
010 11:30 05/00/04
└This is the message ▶
```

```
content...
└
```

The message is only deemed to be read if the entire message, including the pre-time stamp, is read through to the end.

2.2 Protect Private Message

Whilst reading a private message, press Selection key to enter the following screen:

```
LOCK
DELETE
└
```

Press "◀" or "▶" to choose LOCK, then press Read key to confirm locking:

```
010 11:30 05/00/040
└This is the message ▶
```

To unlock a protected message, press Selection key to display:

```
UNLOCK
YES NO
└
```

Press "◀" or "▶" to choose YES, then press Read key to confirm unlocking.

2.3 Delete Private Messages

While reading a private message, press "◀" or "▶" or Read key to select the desired message, then press Selection key twice to enter the following screen:

```
DELETE ALL
YES NO
└
```

Press "◀" or "▶" to choose YES, then press Read key to confirm.

2.4 Memory Full Indication

The pager can store up to 60 private messages. When the message memory is full, "Memory Full" will be displayed. When a new message is received under memory full, the oldest unprotected message is automatically deleted and the newly received message is stored.

Note: "Memory Full" display may have been disabled on your pager. If in doubt, check with your dealer.

3. Public Messages

Public message folders will only be visible if your dealer has enabled them. They are not used for Private (On-Site messaging) purposes.

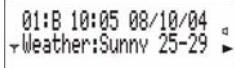
3.1 Read Public Messages

Press Selection key until the public message menu appears. (Folder names and number of folders may be different among operators.)



A screenshot of a public message menu. The first line shows "Fdr01Name Fdr02Name" with a small square icon to the right. The second line shows "Fdr03Name Fdr04Name" with a small square icon to the right. A small downward-pointing arrow is visible on the left side of the second line.

Press Selection key or "◀ " or "▶ " to choose the desired MAIL DROP, then press Read key to display the first screen of the first entry in the public message folder.



A screenshot of a weather message. The first line shows "01:B 10:05 08/10/04" with a small square icon to the right. The second line shows "Weather:Sunny 25-29" with a small square icon to the right. A small downward-pointing arrow is visible on the left side of the second line.

If there is no message in the MAIL DROP, the screen will display:



A screenshot of a "no message" screen. The first line shows "01:NO MESSAGE" with a small square icon to the right. A small downward-pointing arrow is visible on the left side of the first line.

If the user continues to press the Read key, the program will search the message in the next MAIL DROP automatically. When the message of no more MAIL DROP is displayed, the program will return to the message display in the first MAIL DROP when the Read key is pressed. The receiving time and date will be displayed on the first screen of each entry.

Note: Public messages can be protected or deleted. If the maximum number of entries is exceeded, the earliest message will be overwritten automatically.

If pre-time stamp is selected by service provider, public message will be displayed as in Point 2.1.

4. Function Setting

4.1 Time Setting

Press Selection key to enter the Setup menu:



A screenshot of a time setting menu. The first line shows "TIME" with a small square icon to the right. The second line shows "ALARM" with a small square icon to the right. The third line shows "MELODY" with a small square icon to the right. A small downward-pointing arrow is visible on the left side of the first line.

Press "◀ " or "▶ " to select TIME, then press Read key to enter the time, date and day. For 12-hour or 24-hour format, the screen

will be:

```
  A12:00 12H
  08/06/2004 TUE
```

```
  00:00 24H
  08/06/2004 TUE
```

Press "◀" or "▶" to change hour, minute, time format, date and day. Press Read key to set the next item until the last one (i.e. day), then press Read key to finish setting. The pager will detect automatically, with very short sounds or vibrations to indicate errors to the user if there is a mistake when setting the date, e.g. setting 31 days in February.

Note: Whilst setting, press Selection key to exit from Setup menu without saving settings.

4.2 Alarm Setting

Press Selection key to enter Setup menu:

```
  TIME      ALARM
  AUTO      MELODY
```

Press "◀" or "▶" to select ALARM, then press Read key to enter "SET ALARM" menu:

```
  SET ALARM:
  01 A12:00
```

If 24-hour format is selected by the user in the "TIME" menu, the alarm setting screen will be :

```
  SET ALARM:
  01 22:00
```

Press "◀" or "▶" to set time and alarm on or off. Press Read key to finish setting. Also, if alarm function is enabled, a "BELL" icon will be shown on standby mode screen.

```
  A12:00
  08/06/04 TUE
```

4.3 Automatic Power On/Off Setting

Press Selection key to enter Setup menu:

```
  TIME      ALARM
  AUTO      MELODY
```

Press "◀" or "▶" to select AUTO, then press Read key to enter the relevant menu:

```
AUTO:  DISABLE
└ A12:00 TO A12:00 ◀
```

If 24-hour format is selected by the user in the "TIME" menu, the auto on/off setting screen will be:

```
AUTO:  DISABLE
└ 07:00 TO 22:00 ◀
```

press "◀" or "▶" and Read key to set Automatic On/Off (i.e. "ENABLE" or "DISABLE"), and Power On/Off time. The time on the left is the power on time. The time on the right is the power off time. Press Read key to set the next item until the last one. If an invalid setting is made, the pager will sound or vibrate and return to the initial setting status automatically to alert the user to reset (e.g. the Automatic Power On/Off time is the same). Also, if auto on/off function is enabled, a "ON" icon will be shown on standby mode screen.

```
ON  A12:00
└ 08/06/04 TUE ◀
```

4.4 Melody Setting

Melody function is disabled when standard A, B, C, D tone alert is pre-programmed by your dealer. Otherwise, 10 melodies are available for user selection.

```
TIME  ALARM
└ AUTO ◀
```

Press Selection key to enter Setup menu:

```
TIME  ALARM
└ AUTO MELODY ◀
```

Press "◀" or "▶" to select MELODY. Press Read key to enter "MELODY" Setup menu:

```
↓
└ 0 1 2 3 4 5 6 7 8 9 ◀
```

Press "◀" or "▶" to select. " " means this item has been chosen.

4.5 Contrast Setting

Press Selection key to enter Setup menu:

```
CONTRAST  ALERT
└ MEMORY  POWER OFF ◀
```

Press "◀ " or "▶ " to select CONTRAST, then press Read key to enter "SET CONTRAST":

```
SET CONTRAST:
└-----┴-----┘
```

Press "◀ " or "▶ " to adjust LCD contrast, then press Read key to confirm.

4.6 Alert Mode Setting

Press Selection key to enter Setup menu:

```
CONTRAST  ALERT
└MEMORY  ┴POWER OFF┘
```

Press "◀ " or "▶ " to select ALERT, then press Read key to enter the relevant Setup status:

```
BUZZER  MOTOR
└MUTE   ┴PUBLIC┘
```

Press "◀ " or "▶ " to select alert modes of BUZZER, MOTOR or MUTE, then press Read key to confirm.

Note: the pager may have been pre-programmed in one mode only. If in doubt, check with your dealer.

4.7 Public Message Alert Mode Setting

Press Selection key to enter Setup menu:

```
CONTRAST  ALERT
└MEMORY  ┴POWER OFF┘
```

Press "◀ " or "▶ " to select ALERT, then press Read key to enter the relevant Setup menu:

```
BUZZER  MOTOR
└MUTE   ┴PUBLIC┘
```

Press "◀ " or "▶ " to select PUBLIC, then press Read key to enter Public Message Alert Mode Setting:

(If the public message folders have been disabled by your dealer, the screen will be blank when PUBLIC is selected).

```
1X 2X 3X 4X 5X 6X
└7X 8X 9X AX BX CX┘
```

The number of folders provided is subject to operator's offer. Press "◀ " or "▶ " to select folder. Press Read key to toggle between "⏏ " and "⏏". "⏏ " represents alert on. "⏏"

represents alert off. Press Selection key to exit when finished. The folder position on this screen follows the folder position in Public Message Menu. Positions 1-4 means the first 4 folders on the first page of the menu, positions 5-8 means the 4 folders on the second page of the menu. For example, position 3 on this screen means the folder at the bottom left of the first page of Public Message Menu, position 6 here represents the folder at the top right of the second page of the menu.

4.8 Display Memory Occupancy

Press Selection key to enter Setup menu:



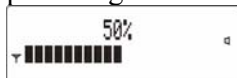
CONTRAST ALERT
MEMORY POWER OFF

Press "◀" or "▶" to select MEMORY, then press Read key to check the memory occupancy. If all memory is used up, it appears:



MEMORY FULL

Otherwise, it displays the memory left in percentage:



50%

Note: All choice of functions above and "MAIL DROP" selection are shown in blinking form.

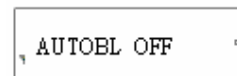
4.9 AUTOBL Setting

Press Selection key to enter the Setup menu:



POWER OFF AUTOBL

Press "◀" or "▶" to select AUTOBL, then press Read key to enter "SET AUTOBL":



AUTOBL OFF

Press "◀" or "▶" to adjust AUTOBL OFF/ON, then press Read key to confirm.

IV. Precautions

- 1) The pager contains an LCD and precision components. Avoid water, high

temperature, severe shock, strong light and combustible gaseous or dust atmospheres.

- 2) Replace the battery when the low battery icon appears. Remove the battery if the pager will not be in use for long periods.
- 3) If the pager is not working properly, do not dismantle or attempt to repair it yourself. After checking the battery, if the pager still does not function, return it to your authorised dealer.

All specifications are subject to change without further notice. E & OE.

FEDERAL COMMUNICATIONS COMMISSION RADIO AND TELEVISION INTERFERENCE STATEMENT FOR A CLASS 'B' DEVICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into a different outlet so that the equipment and receiver are on different branch circuits
- Consult your dealer or an experienced radio/TV technician for help.

This device complies with Part 15, of the FCC Rules. Operation is subject to the following two conditions: (i) this device may not cause harmful interference, and (ii) this device must accept any interference received including interference that may cause undesired operation.

CE Declaration of Conformity for Alphanumeric Pager GEO 40A8

The Manufacturer hereby declares that the equipment identified above and to which this Declaration relates conforms with the protection requirements of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Changes or modifications not expressly approved by the Manufacturer could void the user's authority to operate the equipment and invalidate any warranty.
