cirkisys Electronics Limited

a member of the VTECH group

6011N 4-line Alphanumeric Display FLEX Pager User Manual

Version 0.3

(ENGINEERING DEPARTMENT)

Document No.: C 3G 6011 UM 85 N 0000 001 1

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Document History

Date	Author	Version	Description of Changes
May 15, 98	Bili Cheung	0.0	Original release.
May 28, 98	Clara Ho	0.1	Contents amendment.
May 29, 98	Bili Cheung	0.2	Contents amendment and minor modification.
Jan 7, 99	Bili Cheung	0.3	Adding the FCC statements.

Table of Contents

1. The 6011N Pager

1.1 Pager Overview

The two-dimensional views of the pager are shown below. The dimensions of the pager are about 73.5mm(L) x 50mm(W) x 18.5mm(D).

Top

Left

Right

Front

LCD screen

Buzzer outlet

Menu / Light / Escape key

Up / Read / Time display key

Confirm / Power on / Read / Left and right direction key

Down / Read / Time display key

Bottom

Battery compartment door lock

Rear

Battery compartment door
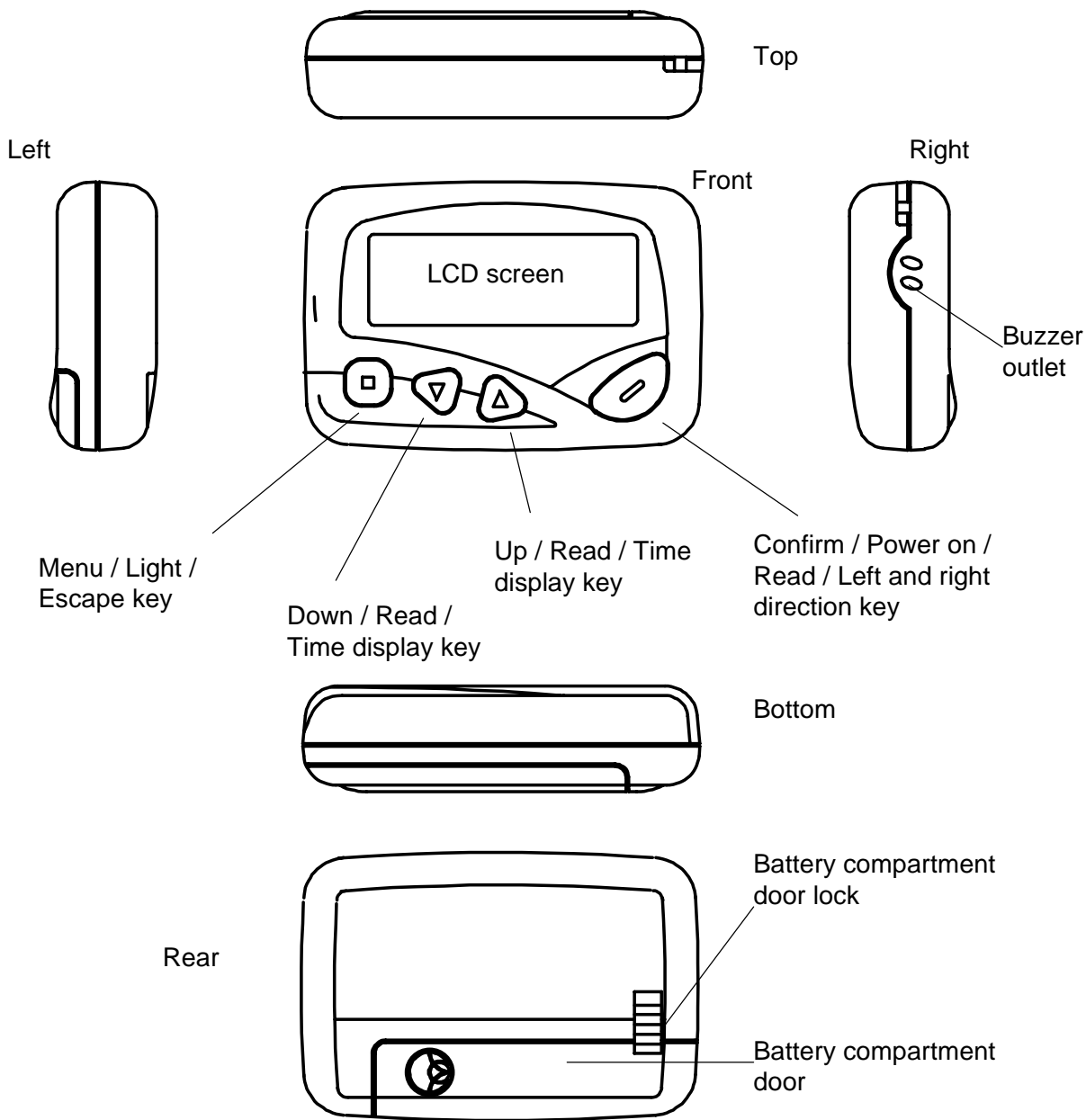
Overview of the 6011N pager

1.2 Status Icons

⍑	Out-of-Range
◁	Audio Alert Mode Enabled
◁	Vibration Alert Mode Enabled
⏻	Auto On/Off Timer Enabled
	Silent reception function is set and activated
	Silent reception function is set but inactivated
	Alarm Clock 1 Enabled
	Alarm Clock 2 Enabled
	Alarm Clock 1 & 2 Enabled
	Low battery indicator

2. Features of 6011N

2.1 Memory Capacity

One main feature of the 6011N pager is its large memory capacity. The memory is partitioned into 3 memory banks for storing different types of messages - user messages, personal messages and news messages.

2.1.1 User Memory Bank

A maximum of 40 user messages can be stored in the user memory bank. The length of each message is limited by the maximum storage capacity, which is 5,000 characters.

Each message is assigned with a time stamp showing the receiving time and date of the message. "User Memory Full" message will be displayed if the user memory bank is full.

When a new message is received and the memory bank is full, the oldest read messages will be deleted automatically (in case if all messages are not yet read, the pager will then delete the oldest *unread* one). Audio or vibration alert together with a dynamic graph will be generated after a message has been received.

2.1.2 Personal Memory Bank

The maximum capacity of the personal memory bank is 20 user messages. The total storage capacity of personal memory bank is limited to 2,200 characters.

"Personal Memory Full" message will be displayed when the memory bank is full. User has to delete some old messages before new ones can be copied to the personal memory bank.

2.1.3 News Memory Bank

There are 16 mailbox allocated with each user programmable address. The maximum storage capacity for this bank is up to 23,500 characters and each message can hold a maximum of 9,000 characters. Each news message is come along with a time stamp and a corresponding maildrop number.

2.2 Operating Your Pager

The pull-down menus of 6011N work similarly as that of the MS Windows. All pager functions are grouped into menus that give convenience for user to access to each function. Use (▲) or (▼) to locate the highlight bar to the desired item and press (▬) to confirm the selection. A dash line will appear in certain sub-menus to indicate that the end of sub-menu has been reached.

3. Pager Operation

3.1 Turning On the Pager

1. Press and hold (▬) for 2 seconds to turn on the pager. The paging operator's name and the model name will be displayed.

Initial screen when pager is turned on

2. A 4-second audio or vibration alert will be generated, depending on which alert mode is selected. Press any key to stop the alert. The pager will then display the status screen.

Example of Pager Status Screen

3.2 Turning Off the Pager

1. Press (■) to display the main menu, then press (▼) to highlight "Pager Off" item and press (▬) to access the Pager Off confirmation screen.

Main Menu

press (▬)

2. Press (▬) under "YES" to turn off the pager or press "(■)" under "NO" to abort the operation.
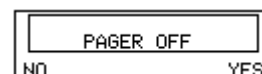
Pager Off confirmation screen

3.3 Handling Messages

3.3.1 Receiving and Reading Messages

1. When a message is received, the pager generates either an audio alert or vibration alert and a notification screen will be displayed simultaneously.

Dynamic graph display on screen when receiving call

2. Press any key to stop the alert, then press (▬) to display the message that you have received. A ' ▶ ' symbol appears at the bottom right corner of the screen indicates the message is continued on next screen. It will display automatically or you can press (▬) to display the next screen.
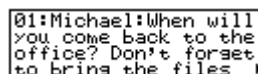
Example of a message screen with message continuation indicator

3. **Note:** If the message is a duplicate one, the ' ☐ ' icon will be shown in the right of the screen.
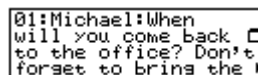
Example of a duplicate message

3.3.2 Checking Unread Messages

1. If user has any unread messages, the pager would alert at predetermined intervals and an unread message icon ' ✉ ' will be displayed on the left when you have pressed (■) to display the status screen.

Press ■ in standby mode

2. The number on the icon indicates the total number of unread messages.

' There is 1 unread message.'

3.3.3 Message Screening

If more than one message exists, press (━━) can display all messages in an ascending order page by page. By pressing either (▲) or (▼) will display the messages in an ascending or descending order respectively. User can also speed up the scrolling rate of the **first page** of each message by press and hold these keys.

3.3.4 Protecting and Unprotecting User Message

Up to 20 user messages can be protected in memory, preventing them from being replaced when memory is full.

To protect a message:

1. Select the message to be protected (locked) by continuously pressing (━━), then press (■) to invoke the user memory bank sub-menu.

```
03:Eric:Would you
return the book to
me by the end of
this month? Because ▶
```
Message to be protected

↓ press (■)

2. Press (▼) to highlight 'MESSAGE UTILITY'.

```
03:Eric:Would you
──────────────
USER MESSAGE
PERSONAL MESSAGE
```

↓ press (▼)

```
03:Eric:Would you
──────────────
NEWS MESSAGE
MESSAGE UTILITY ▶
```

↓ press (━━)

3. Press (━━) to access the sub-menu of Message Utility.

```
03:Eric:Would you
──────────────
DELETE MESSAGE
DELETE ALL MESSAGES
```
Message Utility sub-menu screen

↓ press (▼)

4. Press (▼) to highlight 'PROTECT MESSAGE' and press (━━) to execute the function. If the message is protected, the '🔒' icon will be shown at the right corner of the screen.

```
03:Eric:Would you
──────────────
PROTECT MESSAGE
STORE MESSAGE
```

5. A warning message "MESSAGE PROTECT FULL" will be displayed if the number of protected messages has reached the limit.

```
MESSAGE
PROTECT FULL
```
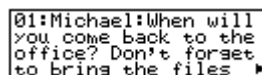
To unprotect a message:

1. Repeat above steps 1 to 3 to access to " MESSAGE UTILITY" when you have selected the message that you would like to unprotect.

2. Press (▼) to highlight " UNPROTECT MESSAGE" and press (▬▬) to confirm. ' 🔒' icon is no longer displayed.

3.3.5 Copying Message

You can store up to 20 user messages in the personal bank as personal notebook.

1. Select the message to be copied by continuously pressing (▬▬).

```
01:Michael:When will
you come back to the
office? Don't forget
to bring the files  ►
```
Message to be copied

2. Press (■) to invoke the user memory bank sub-menu then press (▼) to highlight " MESSAGE UTILITY" and press (▬▬) to access the message utility sub-menu.

```
01:Michael:When will
NEWS MESSAGE
MESSAGE UTILITY    ►
```
press (▬▬)

```
01:Michael:When will
DELETE MESSAGE
DELETE ALL MESSAGES
```
Message Utility sub-menu screen

3. Press (▼) to highlight " STORE MESSAGE" and press (▬▬) to confirm storing (copying) the message to personal bank.

press (▼)

```
01:Michael:When will
PROTECT MESSAGE
STORE MESSAGE
```

4. **Note:** A warning message " PERSONAL MEMORY FULL" will be displayed if the personal memory bank is full and copying operation will be aborted.

```
PERSONAL
MEMORY FULL
```

3.3.6 Deleting Messages from Memory

Messages in all memory banks can be deleted either individually or completely.

To delete individual message from user memory bank:

1. Select the message to be deleted by continuously pressing (▬).

```
04:Mary:I can lend
my umbrella to you
but you must return
to me as soon as   ►
```
Message to be deleted

2. Press (■) to invoke the user memory bank sub-menu and press (▼) to highlight "MESSAGE UTILITY" and press (▬) to access the message utility sub-menu.

```
04:Mary:I can lend
NEWS MESSAGE
MESSAGE UTILITY    ►
```
press (▬)

3. Press (▬) to access the confirmation screen when "DELETE MESSAGE" item is being highlighted. Press (▬) under 'YES' to delete the message or press (■) under 'NO' to abort the operation.

```
04:Mary:I can lend
DELETE MESSAGE
DELETE ALL MESSAGES
```
Message Utility sub-menu screen
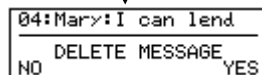
press (▬)

```
04:Mary:I can lend
    DELETE MESSAGE
NO              YES
```
Message deletion confirmation screen

To delete all messages in a user memory bank:

1. Repeat the above steps to access the "MESSAGE UTILITY" sub-menu screen.
2. Press (▼) to highlight "DELETE ALL MESSAGES" and press (▬) to access the confirmation screen.
3. Press (▬) under "YES" to delete all messages in the memory bank or press (■) under 'NO' to abort the operation.
4. Note: "NO USER MESSAGE" will be displayed to notify user that the memory bank is empty. If you want to delete messages in other memory banks, repeat the same process as above when accessing those banks.

3.4 Function Setup Handling

3.4.1 Setting Alert Mode

The alert can be set as either audible or silent (vibrate).

1. Press ( ) to display the main menu, then press ( ) to highlight " ALERT-VIBRATE" (or AUDIO") which depends on the previous selected mode.

    ```
    ALERT - VIBRATE
    ACCESSORIES        ►
    AUDIO SETUP        ►
    DISPLAY SETUP      ►
    ```

    press ( ) to
    change to audio mode

    ```
    ALERT - AUDIO
    ACCESSORIES        ►
    AUDIO SETUP        ►
    DISPLAY SETUP      ►
    ```

2. Press ( ) to toggle between audio or vibration alert mode. A short beep will generate simultaneously while you selected the audio mode or it will vibrate for 2 seconds if you select the silent mode.   Press ( ) to confirm.

3. ' ◁ ' icon is displayed on status screen if the pager is in the audio mode.
    ' ◁ ' icon is displayed on status screen if the pager is in the silent mode.

3.4.2 Setting the Time and Date

1. Press ( ) to display the main menu, then press ( ) to highlight " ACCESSORIES"   and   press ( ) to access the sub-menu.

    ```
    ALERT - AUDIO              ►
    ACCESSORIES               ►
    AUDIO SETUP               ►
    DISPLAY SETUP             ►
    ```

    press ( )

    ```
    APPOINTMENT ALARM
    AUTO ON/OFF TIMER
    SILENT TIMER
    CLOCK
    ```

    Accessories sub-menu screen

2. Press ( ) to highlight " CLOCK" and press ( ) to access the Clock Setup screen.

    ```
    APPOINTMENT ALARM
    AUTO ON/OFF TIMER
    SILENT TIMER
    CLOCK
    ```

    press ( )
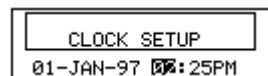
    ```
    CLOCK SETUP
    01-JAN-97 02:25PM
    ```
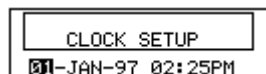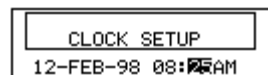
    Clock Setup screen

3. Press (▬) to switch between different fields, then press either (▲ or ▼) to adjust the date, time field and hour mode respectively.

```
┌─────────────────────┐
│    CLOCK SETUP       │
│ 01-JAN-97 ▨▨:25PM    │
└─────────────────────┘
```

↓ press (▲ or ▼) to
  adjust the date & time

```
┌─────────────────────┐
│    CLOCK SETUP       │
│ 12-FEB-98 08:▨▨AM    │
└─────────────────────┘
```

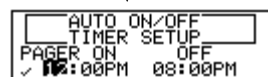4. Press (■) to activate the setting.

3.4.3 Setting Auto On/Off Timer

1. In the " ACCESSORIES" sub-menu, press (▼) to highlight " AUTO ON/OFF TIMER" and press (▬) to access the Auto On/Off Timer Setup screen.
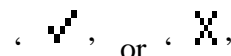
```
┌─────────────────────┐
│ APPOINTMENT ALARM    │
│ AUTO ON/OFF TIMER    │
│ SILENT TIMER         │
│ CLOCK                │
└─────────────────────┘
```

Accessories sub-menu screen

↓ press (▬)

```
┌─────────────────────┐
│    AUTO ON/OFF       │
│    TIMER SETUP       │
│ PAGER ON     OFF     │
│ ✓ ▨▨:00PM  08:00PM   │
└─────────────────────┘
```

Auto On/Off Timer Setup screen

2. Press (▲ or ▼) to enable ' ✓ ' or disable ' ✕ ' the timer setting.

' ✓ ' or ' ✕ '

3. Press (▬) to switch between On/Off time field, then press (▲ or ▼) to adjust the on/off time.

```
┌─────────────────────┐
│    AUTO ON/OFF       │
│    TIMER SETUP       │
│ PAGER ON     OFF     │
│ ✓ 12:00PM  ▨▨:00PM   │
└─────────────────────┘
```

↓ press (▲ or ▼) to
  adjust the on/off time

```
┌─────────────────────┐
│    AUTO ON/OFF       │
│    TIMER SETUP       │
│ PAGER ON     OFF     │
│ ✓ 06:00AM  08:▨▨PM   │
└─────────────────────┘
```

4. Press (■) to activate the setting. ' ⏻ ' **icon will display on pager to indicate the auto timer setting is activated.**
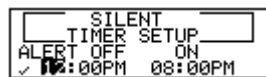
3.4.4 Setting Silent Timer

A built-in silent reception timer allows user to set a time range that no alert will be generated when a message is being received.

1. In the " ACCESSORIES" sub-menu, press (▼) to highlight " SILLENT TIMER" and press (▬) to access the Silent Timer Setup screen.
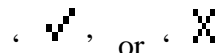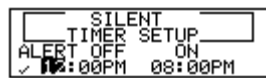
```
APPOINTMENT ALARM
AUTO ON/OFF TIMER
SILENT TIMER
CLOCK
```

press (▬)

```
    SILENT
  TIMER SETUP
ALERT OFF    ON
✓ 02:00PM  08:00PM
```

Silent Timer Setup screen

2. Press (▲ or ▼) to enable ' ✓ ' or disable ' ✗ ' the silent timer.

' ✓ ' or ' ✗ '

3. Press (▬) to switch between the timer fields and press (▲ or ▼) to adjust the silent on/off time.

```
    SILENT
  TIMER SETUP
ALERT OFF    ON
✓ 02:00PM  08:00PM
```

press (▲ or ▼) to
adjust the silent time

```
    SILENT
  TIMER SETUP
ALERT OFF    ON
✓ 02:00PM  05:30PM
```
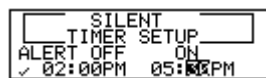
4. Press (■) to activate the setting. **Either ' 🕭 ' or ' 🕭 ' icon will be displayed on screen to indicate different period of silent reception mode.**

```
██HUTCHISON
🕭              ◁
```

' Silent reception period is not yet reached…'

or

```
██HUTCHISON
🕭              ◁
```

' It is now the silent reception period…'

3.4.5 Setting Appointment Alarm

Two alarm clocks can be set in your pager. You can set each alarm to generate either one-time ' ♩ ' alarm or daily ' ♫ ' alarm.

1. In the " ACCESSORIES" sub-menu, press (▬) when " APPOINTMENT ALARM" is being highlighted to access the alarm setup screen.

2. Press (▲ or ▼) to select the alarm clock (either ' 1' or ' 2' or both), then press (▬) to switch to the alarm mode field. Press (▲ or ▼) to enable one-time ' ♩ ' alarm or daily ' ♫ ' alarm or disabled ' ✗ ' the alarm.

3. Press (▬) to switch to the time
    field, then press (▲ or ▼) to adjust
    the time.

```
    APPOINTMENT
   ALARM SETUP
ALARM 1 = ♦ 03:36PM
```
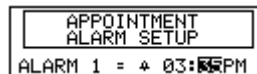
Example of setting alarm 1

4. Press (■) to activate the setting. **Either ' 🕭 ' , ' 🕭 ' or ' 🕭 ' icon will be displayed on status screen depends on your selection**.

3.4.6 Setting Personal Message Alarm

Personal Message Alarm can be set to remind you of important personal message:

1. In the personal memory bank, select a message you wish to remind by pressing (▬).

```
08:Jason:Fanny will
go to the seminar
this evening. I'll
be there at 6PM, see►
```
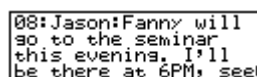
Personal message to set alarm

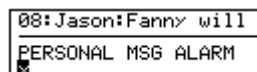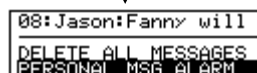2. Press (■) to invoke the personal memory bank sub-menu and press (▼) to highlight "MESSAGE UTILITY".

```
08:Jason:Fanny will

NEWS MESSAGE
MESSAGE UTILITY      ►
```

Personal bank sub-menu

↓ press (▬)

3. Press (▬) to access the sub-menu of "MESSAGE UTILITY", then press (▼) to highlight "PERSONAL MSG ALARM".

```
08:Jason:Fanny will

DELETE MESSAGE
DELETE ALL MESSAGES
```

Message Utility sub-menu screen

↓ press (▼)

```
08:Jason:Fanny will

DELETE ALL MESSAGES
PERSONAL MSG ALARM
```
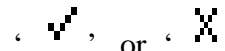
```
08:Jason:Fanny will

PERSONAL MSG ALARM
x
```

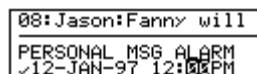4. Press (▬) to access the Personal Alarm setup screen.

Personal Alarm setup screen

5. Press (▲ or ▼) to enable ' ✓ ' or disable ' ✗ ' the personal alarm.

' ✓ ' or ' ✗ '
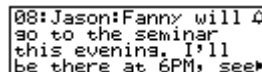
6. Press (▬) to switch between date and time field.

```
08:Jason:Fanny will

PERSONAL MSG ALARM
✓12-JAN-97 12:00PM
```

7. Press (▲ or ▼) to adjust the alarm date and time.

```
08:Jason:Fanny will

PERSONAL MSG ALARM
✓23-FEB-98 02:36PM
```
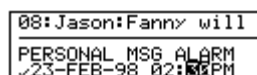
8. Press (■) to activate the setting. ' ♫ ' icon will be displayed on the right corner of the screen when personal alarm has been set.

```
08:Jason:Fanny will ♫
go to the seminar
this evening. I'll
be there at 6PM, see▶
```
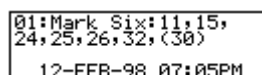
9. **Note:** ' ♫ ' icon will not be displayed when the alarm time is over.

3.4.7 Setting News Message Alarm

User can set alarm in the news memory bank to remind him if there is any new message received.

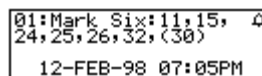1. In the *News Memory Bank*, select the news message that you want to set alarm.

```
01:Mark Six:11,15,
24,25,26,32,(30)
   12-FEB-98 07:05PM
```
News message to set alarm

2. Repeat the steps of *3.4.6* to access the sub-menu of " MESSAGE UTILITY" .

```
01:Mark Six:11,15,
DELETE MESSAGE
DELETE ALL MESSAGES
```
Message Utility sub-menu

3. Press (▼) to highlight " NEWS ALARM" and press (▬) to enable the news alarm. ' ♫ ' will be displayed on screen when the news alarm is being set.

```
01:Mark Six:11,15,  ♫
24,25,26,32,(30)
   12-FEB-98 07:05PM
```
News alarm has been set

4. To disable the news alarm, repeat the above steps such that the bell icon ' ♫ ' is no longer display.

5. Note: ' ♫ ' will not be displayed when the alarm time is over.

3.4.8 Setting Message Display Duration

1. In the main menu, press (▼) to highlight " DISPLAY SETUP" and press (▬) to access the sub-menu.

```
ALERT - AUDIO
ACCESSORIES        ▶
AUDIO SETUP        ▶
DISPLAY SETUP      ▶
```
↓ press (▬)

```
MSG FONT SIZE - SMALL
MSG DISPLAY DURATION
CONTRAST ADJUSTMENT
----------------------
```
Display Setup sub-menu screen

↓ press (▼)

2. Press (▼) to highlight " MSG DISPLAY DURATION" and press (▬) to access the Duration Setup screen.

```
MSG FONT SIZE - SMALL
MSG DISPLAY DURATION
CONTRAST ADJUSTMENT
----------------------
```

3. Press (▲ or ▼) to select the choice of 6, 8, 10 or 12 seconds, then press (■) to execute the setting.

```
┌─MESSAGE DISPLAY──┐
└─DURATION SETUP ──┘
▌06 SECONDS▐
```

Duration Setup screen

3.4.9 Melody Selection

Your pager has a standard beeping tone and eight pleasing melodies for you to select and change the alert.

1. Press (■) to display the main menu, then press (▼) to highlight " AUDIO SETUP" and press (▬) to access the sub-menu.
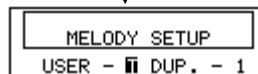
```
ALERT - AUDIO
ACCESSORIES         ►
AUDIO SETUP         ►
DISPLAY SETUP       ►
```
↓ press (▬)
```
KEY BEEP - YES
MELODY
MSG ALARM DURATION
UNREAD ALARM PERIOD
```
Audio Setup sub-menu screen
↓ press (▼)
```
KEY BEEP - YES
MELODY
MSG ALARM DURATION
UNREAD ALARM PERIOD
```
↓ press (▬)
```
┌─────────────────┐
│  MELODY SETUP   │
│ USER - ▮ DUP. - 1│
└─────────────────┘
```
Melody Setup screen

2. Press (▼) to highlight " MELODY" and press (▬) to access melody setup screen.

3. Press (▬) to move cursor between two fields.

↓ press (▬)
```
┌─────────────────┐
│  MELODY SETUP   │
│ USER - T DUP. - ▮│
└─────────────────┘
```
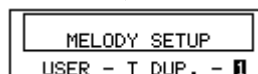
4. Press either (▲ or ▼) to select a melody or the standard beeping tone for different call type. The selected melody or beep tone will be played simultaneously while changing setting.
5. Press (■) to activate the setting.

3.4.10 Setting Unread Message Alarm Period

The duration of message alarm can be adjusted by user. This function is applicable to the standard beeping alert and vibration alert only.

1. In the " AUDIO SETUP" sub-menu, press (▼) to highlight " UNREAD ALARM PERIOD" , then press (▬▬) to access the unread alarm setup screen.

```
KEY BEEP - YES
MELODY
MSG ALARM DURATION
UNREAD ALARM PERIOD
```

Audio Setup sub-menu screen

↓ press (▬▬)

```
  UNREAD ALARM
  PERIOD SETUP
02 MINUTES
```

Unread Alarm Setup screen

2. Press (▲ or ▼) to select alarm period of 2, 3, 4, 5 minutes or disable the setting, then press (■) to activate the setting.

3.4.11 Key Beep

A " click" is emitted whenever a key is pressed when this feature is enabled.

1. In the " AUDIO SETUP" sub-menu, press (▬▬) when " KEY BEEP-YES (or NO)" is being highlighted to enable or disable the function.

```
KEY BEEP - YES
MELODY
MSG ALARM DURATION
UNREAD ALARM PERIOD
```

audio setup sub-menu

↓ press (▬▬) to
disable the key beep

```
KEY BEEP - NO
MELODY
MSG ALARM DURATION
UNREAD ALARM PERIOD
```

2. " KEY BEEP - NO' would be displayed if key beep function is disabled.

3. Press (■) to execute the setting.

Note: A short beep will be generated simultaneously when key beep is enabled.

3.4.12 Setting Audio Alert Duration

1. In the " AUDIO SETUP" sub-menu, press (▼) to highlight " MSG ALARM DURATION" .

   Audio Setup sub-menu

   ↓ press (▼)

2. Press (▬) to access the message alarm duration screen.

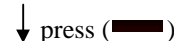   Message Alarm Duration Setup screen

3. Press (▲ or ▼) to select the choice of 2, 4, 6 or 8 seconds and press (■) to execute the setting.

4. **Note:** This function only applies to standard beeping tone and vibration alert.

3.4.13 Setting LCD Contrast Level

1. In the main menu, press (▼) to highlight " DISPLAY SETUP" and press (▬) to access the sub-menu.
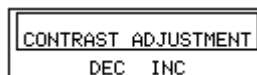
   Main Menu screen

   ↓ press (▬)

   Display Setup sub-menu screen

2. Press (▼) to highlight " CONTRAST ADJUSTMENT" .

   Display Setup sub-menu screen

3. Press (▬) to access the LCD Contrast Adjustment screen.

   LCD Contrast Adjustment screen

4. Press (▲) to increase or (▼) to decrease the LCD contrast level, then press (■) to activate the setting.

3.4.14 Setting Character Font Size

User can switch the font size from small to large or vice versa for his convenience. It applies to all viewing modes of messages once the font size is changed.

1. In the " DISPLAY SETUP" sub-menu, press (▬) when " MSG FONT SIZE - SMALL (or LARGE)" is being highlighted to toggle between small or large fonts.
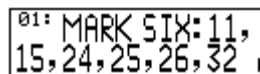
   MSG FONT SIZE – SMALL
   MSG DISPLAY DURATION
   CONTRAST ADJUSTMENT

   Display Setup sub-menu screen

   press (▬) to change
   to large fonts

   MSG FONT SIZE – LARGE
   MSG DISPLAY DURATION
   CONTRAST ADJUSTMENT
   ----

2. Press (■) to execute the setting.

   01: MARK SIX:11,
   15,24,25,26,32 ▸

   Example of large font size

4. OTHER FEATURES

Back-lighting: In dim conditions, the pager's back-light makes the screen easy to read. The back-light can be turned on by holding ' ■ ' for 2 seconds. If no other keys are pressed, the back-light turns off automatically and returns to standby mode.

Time Stamp Indication: A time stamp is shown at the last line of each message.

Real-time Clock: The pager can display the real-time clock when user press either ' ▲' or ' ▼' in standby mode.

Low Battery Indication: In case of low battery, the pager will alert user by vibrating or generating a long beeping signal and display the ' Battery Low' screen. Alert can be stopped by pressing any key and the ' 🖭 ' icon will be displayed in the status screen to remind user.

1. To replace the battery:
2. Turn off the pager.
3. Unlock and open the battery compartment door, pick out the old battery.
4. Place the new ' AAA' size battery with correct polarity.
5. Close and lock the battery compartment door.
6. Hold (▬▬) for 2 seconds to turn on your pager.

NOTE: *New battery must be put into the battery slot within 5 minutes*, otherwise all settings and messages in the memory banks will be lost.

Battery Backup: All settings and messages will be retained when the pager is turned off. This feature also applies to the situation of battery replacement for up to 5 minutes.

Key Beep: A short beep is generated whenever a key is pressed to notify user. This feature can be enabled or disabled by user.

Word Wrapping: When the word size exceeds the remaining displayable area of a row, the whole word will automatically shift to the next row. This feature is only applicable to the messages shown in small fonts.

Service Area Indication: When the pager is out of service area, ' ▽' will be displayed in the pager to indicate that it is temporarily not able to receive any message. ' ▽' will be disappeared when user returns to the service coverage area.

Next Page Indication: The next page icon ' ▶ ' will be shown at the lower right corner of the LCD screen if part of the message is displayed on the next screen when user viewing message.

Duplicate Message Indication: All duplicate user messages will be automatically screened out. The ' ▭' icon will be shown at the right of the LCD screen if the message being viewed is a duplicate message.

Protected Message Indication: The lock icon ' 🔒 ' will be shown at the upper right corner of the LCD screen if the user message being viewed has been protected. User can protect up to 20 user messages.

Error Message Indication: When a message is not received completely, all erroneous characters will be replaced by ' _' (the underscore symbol). User has to contact the operator to check the complete message.

Stay-in News Viewing: The pager is able to retain the latest news message viewed by user. After the pager returns to standby mode, user can recall that message by pressing any key.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 a 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 harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the 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: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

- END -