Electronics Limited

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6018 POCSAG CCD-2
2-line Multi-lingual Display Pager
User Manual

Version 0.0

(ENGINEERING DEPARTMENT)

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Table of Contents

1. OVERVIEW OF 6018 **6**

2. ICONS **7**

2.1.1 Status Icons 7
2.1.2 Memory Bank Icons 7
2.1.3 Function Icons 8
2.1.4 Operation Icons 8

3. OPERATIONS **9**

3.1 To Power On the Pager **9**

3.2 To Power Off the Pager **9**

3.3 Accessing Memory Banks **10**

3.4 Receiving and Reading Messages **10**

3.5 Individual Message Removal **11**

3.6 Removing All Messages **11**

3.7 Message Protection **11**

3.8 Copying Message to Personal Memory Bank **12**

3.9 Personal Message Alarm Setup **12**

3.10 News Message Alarm Setup **13**

3.11 Real Time Clock Setup **13**

3.12 Alert Mode Selection **14**

3.13 Appointment Alarm Setup **14**

3.14 Melody Selection **15**

3.15 Unread Message Alarm Adjustment **16**

3.16 Font Size Changing **16**

3.17 Password Setup **16**

3.18 Alert Duration Adjustment **18**

3.19 Auto Timer Setup **18**

3.20 Silent Timer Setup **19**

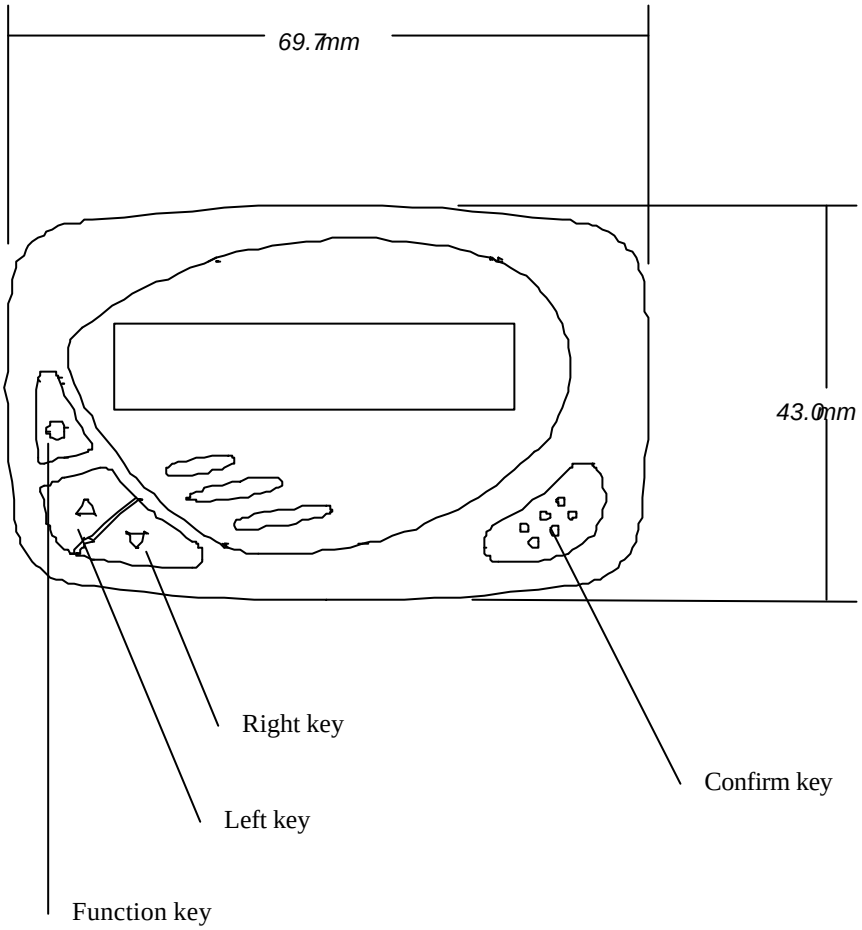
3.21 Message Display Duration Adjustment **19**

3.22 Low Battery Alert **20**

3.23 Illumination **20**

1. Overview of 6018

The dimensions of 6018 numeric pager are 73.5mm(L) x 50mm(W) x 18.5mm(D). Its two dimensional drawing is shown below.



2. Icons

2.1.1 Status Icons

	The pager is outside the service area
	Audio alarm mode
	Vibrating alert mode
	Silent mode
	Auto on/off timer is being set
	The silent reception function is set but inactivated
	The silent reception function is set and activated
	The first alarm clock is set
	The second alarm clock is set
	Both the first and the second alarm clocks are set
	The message is protected
	A password is set
	Full battery indication
	Half battery indication
	Low battery indication
	Unread message indicator, the number indicates the total number of unread messages
	Unread news indicator

2.1.2 Memory Bank Icons

	User memory bank
	Personal memory bank
	News memory bank

2.1.3 Function Icons

	Making copy of user/group message to personal memory bank
	Message protection
	Turning off the pager
	Date and time setting
	Alert mode selection
	Music selection for audio alert
	Appointment alarm setting
	Auto on/off timer setting
	Silent reception timer setting
	Unread message alarm interval setting
	Alert duration setting
	Message display duration setting
	Password setup
	Deleting individual message from the current memory bank
	Deleting all messages from the current memory bank
	Personal message alarm setting
	News message receiving alarm setting
	Changing the message display font size

2.1.4 Operation Icons

	Next page/screen
	Exit from a current screen

3. Operations

3.1 To Power On the Pager

- Press and hold the Confirm key for 3 seconds.
- Either an audio beeping tone or pager vibration will be generated as the power on signal.
- Stop the power on signal by pressing any key, the pager will then display the status screen.

- The pager will then enter the standby mode for power saving with the LCD turned off.
- The status screen can be displayed again by pressing any key.

3.2 To Power Off the Pager

- Press the Function key to evoke the second function menu from the status screen.

- Press either one of the arrow keys to select the ‘ ’ icon.

- Hold the Confirm key for 3 seconds to turn off the pager.

3.3 Accessing Memory Banks

- Press the Function key to evoke the first function menu from the status screen.

- Press an arrow key to select the '✉' icon and press the confirm key to access the user memory bank.
- Press an arrow key to select the '✝' icon and press the confirm key to access the personal memory bank.
- Press an arrow key to select the '' icon and press the confirm key to access the news memory bank.

3.4 Receiving and Reading Messages

- The pager will generate an audio alert, a vibration alert or remain silent when receiving a call.
- The following screen will be displayed simultaneously.

- Press any key to stop the alert.
- Press the Confirm key read the latest message.
- The pager will notify the user the number of unread messages by displaying the '' icon.
- Fast message scrolling can be invoked by continuously pressing the Confirm key (all ***unread*** messages will be displayed first).
- The following prompt message will be displayed if there is no message.

3.5 Individual Message Removal

- Recall the message to be deleted.
- Press the Function key to evoke the user memory bank menu.

- Press an arrow key to select the '' icon.
- Press the Confirm key to delete the message.

3.6 Removing All Messages

- Press the Function key to evoke the user memory bank menu.
- Press an arrow key to select the '' icon.
- Press Confirm key to delete all the messages.
- Protected messages will not be deleted.

3.7 Message Protection

- Up to 10 messages can be protected.
- Recall a message in the user memory bank and press the Function key to evoke the user memory bank menu.
- Press an arrow key to select the '' icon.
- Press the Confirm key to lock the message.
- A '' icon would be display at the top right corner of the message screen.
- A prompt message will be displayed if there are already 10 messages protected in the memory.

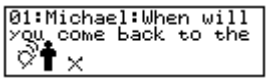
3.8 Copying Message to Personal Memory Bank

- Recall a message in the user memory bank.
- Press the Function key to evoke the user memory bank menu.
- Press an arrow key to select the ' ' icon.
- Press the Confirm key to copy the message to the personal memory bank.
- A message will be prompted to the user if the personal memory is full.
- The pager will display a screen for personal alarm setting after the message has been copied. Follow the steps outlined in Section Personal Message Alarm Setup to set the personal alarm, or press the Confirm key to abort.

3.9 Personal Message Alarm Setup

- User can set a personal alarm to every message in the personal memory bank.
- Select a message in the personal memory bank first.
- Press the Function key to evoke the personal memory bank menu.

- Press an arrow key to select the ' ' icon.
- Press the Confirm key to enter the alarm setup screen.

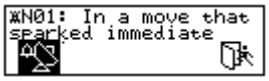


- Press an arrow key to toggle between '✓' to proceed further or '×' to abort the function.
- Press an arrow key to locate the date and time fields.
- Press the Confirm key to adjust the digits.

- A bell icon ‘ ’ will be displayed in every message screen if the alarm is set, the crossed-bell icon ‘ ’ will be displayed if the alarm has been activated.

3.10 News Message Alarm Setup

- User can also set a news message alarm to every mailbox in the news memory bank.
- After entering the news memory bank, press the Function key to evoke the news memory bank menu.



- Press an arrow key to select the ‘’ icon.
- Press the Confirm key to set the alarm.
- A bell icon ‘ ’ will then be displayed in every message screen.

3.11 Real Time Clock Setup

- Press the Function key to evoke the first function menu from the status screen.

- Press an arrow key to select the ‘’ icon.
- Press the Confirm key to enter the real time clock setup screen.

- Press an arrow key to locate a digit as well as the time display mode for adjustment.

- Press the Function key to adjust the time first and to toggle among the options of time display format.
- Repeat the steps for date adjustment.
- Press the Confirm key to confirm the setting and return to the status screen.

3.12 Alert Mode Selection

- Press an arrow key to select the ' ' icon in the first function menu.
- Press the Confirm key to enter the alert mode setting screen.

- The current alert mode will be displayed in the alert mode setting screen.
- Press an arrow key to select an alert mode among the options - 'SILENT', 'VIBRATE', 'AUDIO', 'VIB-AUD', and 'EXIT' (return to the status screen without updating the setting).
- Press the Confirm key to confirm the setting and return to the status screen.

3.13 Appointment Alarm Setup

- User can set two appointment alarms as personal reminders in the pager.
- Press the Function key to evoke the second function menu from the status screen.

- Press an arrow key to select the ' ' icon.
- Press the Confirm key to enter the appointment alarm setup screen.

- Press an arrow key to locate the alarm number and press the Function key to select an alarm.
- Repeat the steps to select an alarm mode among the options of one-off '🔔', daily '🔔🔔' and disable '✕'.
- If either the one-off mode or the daily mode is selected, the alarm time will be prompted to user for alarm time setting.

- Press an arrow key to locate the time digits.
- Press the Function key to adjust the time.
- Press the Confirm key to confirm the setting and return to the status screen.
- If only one alarm is set, either the '⏰' or '⏰' icon will be displayed in the status screen. If both alarms are set, then the '⏰' icon will be displayed.

3.14 Melody Selection

- Press an arrow key to select the '♪' icon in the second function menu.
- Press the Confirm key to enter the melody selection screen.

- The current melody will be displayed in the melody selection screen.
- Press an arrow key to select a call type among the options 'A', 'B', 'C' and 'D' first.
- Press the Confirm key to confirm call type selection.
- Press an arrow key to select a melody among the standard tone and 15 melodies.
- Press the Confirm key to confirm the setting and return to the status screen.

3.15 Unread Message Alarm Adjustment

- Press an arrow key to select the ' ' icon in the second function menu.
- Press the Confirm key to enter the unread message alarm adjustment screen.

- The current unread message alarm setting is displayed in the adjustment screen.
- Press an arrow key to toggle between '2m' (2 minutes) and '--' (disable the function).
- Press the Confirm key to confirm the setting and return to the status screen.

3.16 Font Size Changing

- This function is not available for pager displaying Chinese or Thai.
- Press an arrow key to select the ' ' icon in the second function menu.
- Press the Confirm key to toggle between large and small fonts for message viewing.

3.17 Password Setup

- User can set up a password for the personal memory bank for security purpose.
- This function cannot be executed if battery power is depleted.
- Press the Function key to evoke the third function menu from the status screen.

- Press an arrow key to select the '' icon.
- Press the Confirm key to enter the first password setup screen.

- User has to enter the previously set password before proceeding further (enter '0000' if the pager is used for the first time).
- Press an arrow key to locate a field.
- Press the Function key to toggle the digits for password entry.
- An icon will be displayed to notify the user for password re-entry if a wrong password is entered.

- Press an arrow key to locate a field.
- Press the Function key to toggle the digits for password entry.
- After the correct password has been entered, press the Confirm key to enter the second password setup screen.

- Again press an arrow key to locate a field and press the Function key to toggle the digits to change the password.
- After the password has been changed, user can move to the password activation/deactivation field.
- Press the Function key to select a tick '✔' to activate the password or select a cross '✘'to deactivate the password.
- Press the Confirm key to confirm the setting and return to the status screen.

3.18 Alert Duration Adjustment

- User can adjust the duration for both standard beeping alert and vibrating alert.
- Press an arrow key to select the '' icon in the third function menu.
- Press the Confirm key to enter the alert duration adjustment screen.

- Press an arrow key to toggle among the options of '2s' (2 seconds), '4s', '6s' and '8s'.
- Press the Confirm key to confirm the setting and return to the status screen.

3.19 Auto Timer Setup

- Press an arrow key to select the '' icon in the third function menu.
- Press the Confirm key to enter the first auto timer setup screen if no auto timer has been set previously.

- Press the Function key to enable the auto timer first, the second auto timer setup screen will be displayed.

- Press an arrow key to locate the digits.
- Press the Function key to adjust the time period.
- Press the Confirm key (■) to confirm the setting and return to the status screen.
- A '' icon will be displayed in the status screen to notify the user.

3.20 Silent Timer Setup

- Press an arrow key to select the ‘ ’ icon in the third function menu.
- Press the Confirm key to enter the silent timer setup screen.

- Press the Function key to enable the silent timer first, the second silent timer setup screen will be displayed.

- Press an arrow key to locate the digits.
- Press the Function key to adjust the time period.
- Press the Confirm key (■) to confirm the setting and return to the status screen.
- The ‘ ’ icon will be displayed if the silent timer has been set but not yet activated, whereas the ‘ ’ icon will be displayed if the silent timer has been activated.

3.21 Message Display Duration Adjustment

- Press an arrow key to select the ‘ ’ icon in the third function menu.
- Press the Confirm key to enter the message display duration adjustment screen.

- Press an arrow key to toggle among the options of ‘8s’ (8 seconds), ‘12s’, ‘30s’ and ‘60s’.
- Press the Confirm key to confirm the setting and return to the status screen.

3.22 Low Battery Alert

- An hourly low voltage alert will be generated when the battery voltage drops below a certain level.
- The ‘ ’ icon will also be displayed.
- Stop the alert by pressing any key.
- Power off the pager and replace the battery.

3.23 Illumination

- Press the Function key for 2 seconds to activate the back-lighting during message reading or from the status screen.

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 not 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 compiles 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.