

PERCOMM®

PA8002 ALPHANUMERIC PAGER USER MANUAL



10/2000 [Rev.]

INTRODUCTION

It is a pleasure to welcome you to TRULY PA8002 alphanumeric pager. In this manual you will find the information you need to get the best possible benefit from your TRULY pager.

TRULY PA8002 alphanumeric pager is a multi-lingual pager with a unique 4-line liquid crystal display of alphanumeric characters. As you proceed through this manual, you will see that the TRULY PA8002 pager is as simple and convenient to use as you would expect.

FCC Notice:

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 undesirable operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

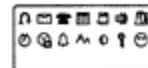
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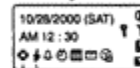
1.1 LCD display and icons

Icons Screen :



- Return to Standby Screen
- Public Message file
- Data Bank file
- Schedule file
- Full Calendar
- Public / Private Message Alert
- Time Set / Data format
- Alert Duration
- Auto Turn On / Off
- Auto Silence Turn On / Off
- Daily Alarm
- Font Size
- Level of Contrast
- Secret Lock
- Power Off

Standby Screen :



- Power On
- Reception
- Unread Private Message
- Low Battery
- Vibration mode
- Silence mode
- Beep / Melodies Alert mode
- Beep / Melodies with Vibration Mode
- Daily Alarm
- Auto Turn On / Off
- Schedule File
- Unread Public Message
- Auto Silence mode
- Secret Lock

2. GENERAL FEATURES

MEMORY CAPACITY (Up to 20000 characters can be stored)

Private Message

- Four types of alert can be selected by the user: beep / melodies, vibration, silent and beep / melodies with vibration
- The duration of the alert can be selected by the user: 4, 8, or 12 seconds
- Each message can store up to 3000 alphanumeric characters.
- Up to 60 messages can be stored
- Up to 30 messages can be protected
- One messages/ all messages delete

■ Data Bank

- Any message in the private area can be copied to the data bank area.
- Up to 38 messages can be stored in this area.
- Each message can store up to 3000 alphanumeric characters.
- One message / all messages delete.

■ Schedule

- Any message in the private area can be copied to the schedule area, and time of alert can be set by the user.
- Up to 8 messages can be stored in this area.
- Each message can store up to 3000 alphanumeric characters.
- One message / all messages delete.
- Duration of alert is fixed at 50 seconds.

■ Daily Alarm

- Five daily alarms can be set by the user.
- Alert of each daily alarm can be set by the user: beeps / melodies, vibration, silent and beep / melodies with vibration.
- Duration of alert is fixed at 50 seconds.

■ Auto On / Off

- Auto On / Off's time can be set by the user.

■ Unread Alert

- Message unread alert at 2 minutes interval.

■ Calendar

- Calendar display within year 1900 to 2099.

■ Secret Password Protection for Private and Data Bank Area

- User can set own password to keep messages confidential.

■ Memory Backup

- Data memory can be retained at least 2 minutes after battery is removed and real time clock can be upkept during memory backup.

■ Battery Low Alert

- When the battery becomes weak, battery low alert & icon will be activated. Battery low icon will disappear after fresh battery is replaced.

■ Standby Screen

- Standby screen includes real time clock with day of week, daily alarm icon, Auto On/Off icon, public unread icon, secret icon, and auto silence icon

■ Auto-Silence

- Auto-silence's time can be set by the user

■ Message Error Handling

- A blinking cursor on the index number when the message may contain error information

■ Duplicate Message

- Duplicate user message will be automatically screened out with time stamp updated

■ Contrast

- 10 levels of contrast can be selected by the user.

■ Word Wrap

- Automatic word wrapping for message display

■ Multiple Date Format

- Three kinds of date format can be selected by the user: D/M/Y, M/D/Y and Y/M/D

■ Large / Small Font

- Large font: 15 characters x 2 lines or
- Small font: 20 characters x 4 lines can be selected by the user

3. OPERATING INSTRUCTION

3.1 Power ON/OFF

■ Power ON

- Press key, wait until the screen shows "POWER ON ?"
- Press key to confirm.



- The screen will show the standby screen on the Normal condition.

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■ Power OFF

- Press key to display main menu.
- Press key skip to the icon, then press key to display "POWER OFF ?". press again to confirm action.

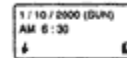


3.2 Receiving messages

- When a new message is received, the user will be alerted by beep / melodies, vibration, silent or beep/melodies with vibration.

■ Private message

- A private message icon will appear on the standby screen until the message is read.
- Press key, then enter to private message folder.
- Select the message by or key.
- Press key to confirm action.
- If Page Down "↓" cursor appears at the lower right of the screen, press to scroll down the page.



Remark : Quick search of last read folder either private or public by pressing or key.

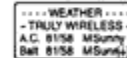
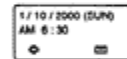
■ Private message alert preset by user

Beep / Melodies, Vibration, Silent, Beep / Melodies with Vibration.

Note : All messages will be identified by the message counter, call type, date and time stamp at the end of message.

■ Public message

- A public message icon will appear on the standby screen until the message is read.
- Press and keys to select public message icon .
- Press key to confirm.
- Select the message by or key.
- Press key to confirm action.
- If Page Down "↓" cursor appears at the lower right of the screen, press to scroll down the page.



Remark : Quick search of last read folder either private or public by pressing or key.

■ Public message alert preset by user

Beep / Melodies, Vibration or Silent, Beep / Melodies with Vibration.

Note : All messages will be identified by the message counter, call type, date and time stamp at the end of message.

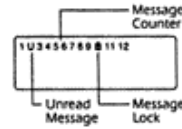
3.3 Message management

a. Read message

- Press keys to enter the message counter list or press key to read the first message.
- Press keys or key to read other messages.
- Press keys and hold to scroll all messages in fast motion.

b. Message counter list

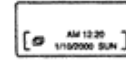
- Press keys to activate the message counter list menu.
- Press keys to select the particular message and press key to read it.



Note : The list also appears at the end of message. The message counter list is also available in public message file, data bank and scheduling.

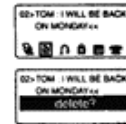
c. Message attribute & time stamp

- Repeat



d. Delete a single message while reading the message

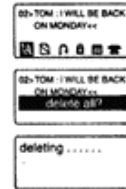
- Press key.
- Press key once to select the Delete icon , press key to show "DELETE?"
- Press key again to confirm



Note : In any case, if you press a wrong button or want to abandon the task, press the key to return to the standby screen.

e. Delete all messages

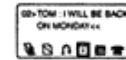
- Press key while reading the message.
- Press key to select the Delete All Messages icon , press key to show "DELETE ALL?"
- Press key again to confirm.



Note : In any case, if you press a wrong button or want to abandon the task, press the key to return to the standby screen.

f. Lock message

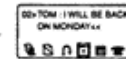
- Press keys or key to select a message.
- Press key then key to select the lock message icon .
- Press key to confirm.



Note : Total [30] messages can be locked and protected.

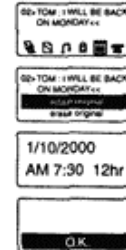
g. Unlock message

- Press keys or key to select a message.
- Press key then key to select the unlock message icon .
- Press key to confirm



h. Message copy to schedule file

- Press keys or key to select a message.
- Press key then key to select the Schedule icon .
- Press key to show "retain & erase original".
- Press key to select either "retain original" or "erase original" the message to schedule file.
- Press key to set the time and date of schedule.
- Press keys to show "O.K." confirm action.



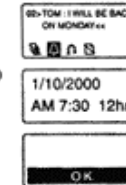
i. Message copy to data bank file

- Press keys or key to select a message.
- Press key then key to select the Data Bank icon .
- Press key to show "retain & erase original"
- Press key to select either "retain original" or "erase original" to data bankfile.
- Press keys to show "O.K." confirm action.



j. Edit schedule alarm time

- Press key to display Menu screen, press key to select schedule icon and press key to enter schedule file.
- Press keys and key to display a schedule.
- Press key and key to select edit icon , then press key to enter Edit mode.
- Press keys to set time and date.
- Press key to confirm each input, repeat the steps until the setting is completed and "O.K." shown.



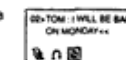
k. Delete schedule file

- Enter the schedule menu and press keys to select a file or all the files to be deleted.
- Press key to confirm.



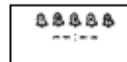
l. Delete data bank file

- Enter the data bank menu and press keys to select a file or all the files to be deleted.
- Press key to confirm.



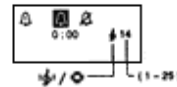
3.4 Alarm

- Press key then key to select Alarm icon



■ Set alarm with alert

- Select the alarm number 1, 2, 3, 4 and 5 by keys.
- Press key to start alarm setting.
- Press keys to set ON () and press key to confirm.
- Press keys to set the value and press key to confirm.



■ Set alert

- Press key to Menu and key to then press to enter. Select Beep / Melodies Alert or Vibration Alert or Silent Alert or Beep / Melodies Alert with Vibration.

Beep / Melodies :

- [1 - 10] = user selectable Beep
- [11 - 25] = user selectable Melodies
- Press keys to set the value and press key to confirm.

3.5 Back light

- LED back light will provide you a light source to read your messages
- Press key and hold for a while
- The back light will turn off manually by pressing key and holding it down
- Automatically off when the standby screen is off

4. MENU FUNCTIONS

4.1 Return to Standby mode

- Press to return to Standby screen.



4.2 Public Message

- Press key then key to select the Public Message icon and press key to activate the Public Message file.

4.3 Data Bank file

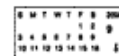
- Press key then key to select the Data Bank icon and press key to activate the Data Bank file.

4.4 Schedule file

- Press key then key to select the Schedule icon and press key to activate the Schedule file.

4.5 Calendar

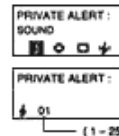
- Press key then key to select the Calendar icon and press key to activate the Calendar.
- Press keys to select the month.
- Press key to read the next page.



4.6 Public Message / Private Message Alert mode

- Press key then key to select the alert mode icon and press key to activate the alert mode.
- Press keys to select the alert mode then press key to confirm action.

- Beep / Melodies Alert or Vibration Alert or Silent Alert or Beep / Melodies with Vibration Alert



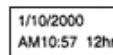
Beep / Melodies Alert :

- [1 - 10] = user selectable Beep
- [11 - 25] = user selectable Melodies
- Note : Repeat the steps to set the Public alert.

4.7 Time Set / Date Format / Alert Duration Setting ((()

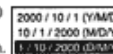
Time setting

- Press key then key to select the Time icon and press key to activate the time setting.
- Press keys to set the value and press key to confirm.



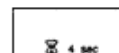
Date format

- Press keys to select the Date format icon and press key to activate the date format.
- Press keys to select the format and press key to confirm.



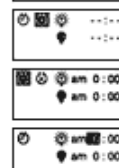
Alert Duration setting

- Press keys to select the Alert Duration setting icon and press key to activate the Duration setting.
- Press keys to set the value and press key to confirm either (4 sec, 8 sec and 12 sec).



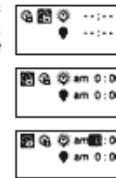
4.8 Auto Turn ON/OFF

- Press key then key to select the Auto Turn ON/OFF icon and press key to activate the Auto Turn ON/OFF mode.
- Press keys to select enable Auto On or disable Auto Off and press key to confirm.
- Press keys to set the value and press key to confirm.



4.9 Auto Silence Turn ON/OFF

- Press **[Mute]** key then **[Auto Silence]** key to select the Auto Silence Turn ON/OFF icon **[AS]** and press **[Enter]** key to activate the Auto Silence Turn ON/OFF.
- Press **[On]** / **[Off]** keys to select Auto Silence On **[AS]** or Auto Silence Off **[AS]** and press **[Enter]** key to confirm.
- Press **[0-9]** keys to set the value and press **[Enter]** to confirm.



4.10 Daily Alarm mode

Set Daily Alarm

- Press **[Mute]** key then **[Daily Alarm]** key to select the Daily Alarm icon **[DA]**.
- Select the alarm number 1, 2, 3, 4 and 5 by **[1-5]** keys.
- Press **[Enter]** key to start alarm setting.
- Press **[On]** / **[Off]** keys to set On **[DA]** and press **[Enter]** key to confirm.
- Press **[0-9]** keys to set the value and press **[Enter]** key to confirm.

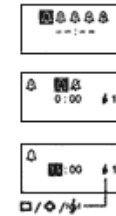
Note : Icon **[DA]** means Alarm "ON", icon **[DA]** means Alarm "OFF".

Set Alert :

- [Beep]** / Melodies Alert or **[Vibration]** Alert, **[Silent]** Alert or **[Beep / Melodies with Vibration]** Alert

Beep / Melodies Alert :

- { 1 - 10 } = user selectable Beep
- { 11 - 25 } = user selectable Melodies
- Press **[0-9]** keys to set the value and press **[Enter]** key to confirm.



4.11 Font size (A)

- Press **[Mute]** key then **[Font Size]** key to select font size icon **[A]** or **[A]**.
- Press **[Small]** / **[Large]** keys to select the font size and press **[Enter]** key to confirm.

Note : Optional program by operator -

- The user is allowed to select the regular or large font freely.
- Large font mode displays 15 Alpha-characters x 2 lines.
- Small font mode displays 20 Alpha-characters x 4 lines.

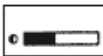


4.12 Contrast Select

- Press **[Mute]** / **[Contrast]** keys to select the speed and press **[Enter]** key to confirm action.

Contrast level (0)

- The user is allowed to select 10 contrast levels on the screen.
- Press **[0-9]** keys to select the contrast and press **[Enter]** key to confirm.



4.13 Secret Lock

- Press **[Mute]** key then **[Secret Lock]** key to select the Secret icon **[SL]** and press **[Enter]** key to activate the "Secret Lock".

Input Password — 4 digit [0 - 9]

- Press **[0-9]** keys to select the Number of password and press **[Enter]** key to confirm, then **[SL]** icon display on the Standby Screen.
- Secret Lock is validated, until **[SL]** icon disappeared on the Standby Screen.

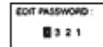
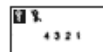
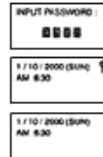
Edit Password

- Input Password, Press **[Enter]** key to confirm.
- Repeat to press **[Mute]** key then **[Secret Lock]** key to select **[SL]** then press **[Enter]** key to confirm.
- Indicate the screen **[SL]** with password. Select **[SL]** icon and press **[Enter]** key to confirm. Then edit the new password by **[0-9]** keys or select **[SL]** then press **[Enter]** key to delete the password.

Group Folder protect | Private Message, Schedule & Data Bank

- Optional select by user.

Note : Icon **[SL]** means enable secret lock, icon **[SL]** means disable secret lock.



4.14 Power Off

- Press **[Mute]** key then **[Power Off]** key to select the Power Off icon **[PO]** and press **[Enter]** key to activate the "POWER OFF".
- Press **[Enter]** key to confirm.



5. BATTERY REPLACEMENT

When the battery is weak, the user will be alerted by tone and Low Battery icon **[LB]** is displayed on the Standby screen.

(The alert tone and icon will disappear only when a fresh battery is replaced.)

How to replace a fresh battery | 1.5V x 1 "AAA" size alkaline battery cell |



1. Unlock the battery cabinet by sliding up the lock.



2. Slide the lid forward to open the cabinet. Take the old battery out and put a fresh one in.

Warning : A fresh battery must be put in within 5 minutes, otherwise the entire data and memory could be erased.

6. MAINTENANCE AND PROBLEMS

- This pager is not recommended to be exposed directly under bright sun light, rain, extreme temperature, high humidity, and water
- Protect your pager against any damage

■ Problems

Not responding	Check the battery, may need a replacement
Receiving incomplete message	Could be interfered by other signal, try other area
Receiving no message	Contact your paging operator

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7. SYSTEM MESSAGE AND SUMMARY OF ICONS

■ System message

< No message >	No message in memory
Delete All ?	Delete all existing file
Delete?	Delete a single file
O.K.	Copy a file to the particular area
Power off ?	Pager Off
Memory full !	One specific area is full
Message Exist !	Copy message already Exist
< Low Battery ! >	Low Battery Indication
Power On ?	Pager On
Incorrect Password :	Re-enter the right Password
Set Password :	Select Own password
Input Password :	Enter the Password
Edit Password :	Change the Password
Private Alert :	Private Message Alert
Public Alert :	Public Message Alert
Locked !	Pager has been locked for some reason. Please contact your paging operator or manufacturer for detail.
Unlocked !	Pager has been serviced once again
Retain original	Keep the message at exist folder
Erase original	Erase the incoming message at exist folder

■ Summary of icons

: Unread Public Message	: Lock Message
: Private / Public Message Alert	: Unlock Message
: Beep / Melodies Mode	: Large / Small Font Select
: Vibration Alert Mode	: Large Font
: Silence Alert Mode	: Small Font
: Beep / Melodies with Vibration Mode	: Contrast Level
: Delete All Message	: Time Set / Date Format / Alert Duration Select
: Delete One Message	: Time Set
: Esc	: Date Format



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