

POCSAG ALPHA DISPLAY PAGER

Operating Manual

Model:SPA-450

SHINIL INDUSTRIAL Co., Ltd,

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FEATURES

- 2/4 Line Display besides Icon Indicator Line
- 16/21 Character Display per Line
- Address Capability: 16
- Message Storage: 30,000 Characters Maximum
- Personal Message Slot: 70 (including 20 Notebook Slots)
- Mail-Drop Message Slot: 16
- Message Lock up to 30 Personal Messages
- 8 User Selectable Alert (3 Tones, 5 Melodies)
- Message Scrolling On/Off (On ; Normal / Slow / Fixed / Fast ; Off)
- Incoming Message Time & Date Stamping
- User Selectable Date Display
(Date/Month/Year or Month/Date/Year or Year/Month/Date)
- Message Deletion (All or Individual Message)
- Backlight (button press to turn on)
- Remind Alert for Unread Message (2, 5, 10, 15 and 30 min)
- Backup Battery (For retention memory when replacing battery)
- Battery Replacement Alarm
- User Selectable Alert Mode: Alert / Vibration / Alert after Vibration / Silence
- Memory Full Indication
- Duplicate Message Indication
- 5 Selectable Display Duration Times (4, 8, 12, 16, 20 sec)
- Service Area Indication
- Auto Power On/Off
- Mail-Drop Alert On/Off
- Time Clock
- Alarm Function (TIME=Time of Day, DAY=Day of Week plus Time,
DATE=Calendar Date plus Time)
- Calendar

DESCRIPTION OF INDICATORS & SYMBOLS

■ *Indicators*

-  Duplicate Message
-  Service Area
-  Unread Message
-  Battery Indicator
-  Vibration Mode
-  Audible Mode
-  Message Remain to Read

■ *Symbols*

-  Read Mail-Drop
-  Calendar
-  Set Incoming message Alert
-  Set Time, Date
-  Set Alarm
-  Set Auto Power On/Off
-  Set Scrolling Speed
-  Set Alert Periodic Time for Unread Message
-  Set Time for Display Duration
-  Turn Pager Off
-  Individual Message 'DELETE'
-  All Message 'DELETE'
-  Lock Message
-  Unlock Message
-  Duplicate Message
-  Unread Message
-  Read Message
-  Return to previous screen
-  Audible Alert
-  Vibrating Alert
-  Audible Alert with Vibration
-  Silence
-  Alert On for Incoming Mail
-  Alert Off for Incoming Mail

CONTROL BUTTONS

Used to go left through the Function menu and your messages, to decrease the numbers through the functions like time, alarm, date settings.

Used to go right through the Function menu and your messages, to increase the numbers through the functions like time, alarm, date settings.

- Used to read messages, to select a pager function
If pressing for 1 second at Function menu, return to the previous menu.

OPERATION

Turning Pager On

Press ■ . "Pager On? Yes" is displayed. Press ■ again.

When the pager is on and no activity is taking place, the Standby screen is displayed.

The Standby screen displays the service area  indicator and may display other indicators according to the current pager status.

Turning Pager Off

From the Top screen,
)

Press or to move the cursor to Function Set, press ■

Press or to move the cursor to 

Press **■**. "Pager Off? No" is displayed.

Press **or** to display "Pager Off? Yes".

Press **■** again to turn the pager off.

Your pager is now off and the screen is blank.

Read Personal Message

From the Top screen,

Press **or** to move the cursor to Read Message, press **■**

The number indicates the count of messages that are unread.

Press **■** to display the Message status screen.

The very left black envelope symbol means the latest and unread message.

On the right lower corner, the pager shows the date when the message was received.

 : Unread Message

 : Read Message

 Locked Message

(See Lock Message on page 7)

Press **■** to read the message after moving

(07)  am 11 : 34
John got a promotion.

the flashing cursor by **or**.

In the message screen, "07" indicates the

message is 7th incoming one and the receiving time is am 11:34.  indicates the message is duplicate

Message Screen

Delete Personal Message

From the Message Screen, press  for 1 second



to display Sub Menu.

Press  or  to move the cursor to .

Sub Menu Screen

Here, if you want to delete all the messages, move the cursor to .

Press  to delete the message.

Lock Personal Message

Up to 30 messages can be locked to prevent them from being deleted or from being replaced when memory is full.

From the Sub Menu Screen, move the cursor to .

Press  to lock the message.

Unlock Personal Message

First, read the locked message.

Press .

Move the cursor to  and press  to unlock the locked message.

Move Personal Message to Notebook

From the Fig. 6, move the cursor to  .
)

Press  to move the message to Notebook.
[

See Notebook on page 11 for more information.

Read Mail Drop / Delete Individual & All Mail Drop

From the Top Screen,
)



press  or  to move the cursor to  .

 indicates that you have one unread mail drop or more.

Press  to display the Mail drop status screen.
[

The Mail drop status screen shows the current status of your mail drop messages.

For example, unread mail drops are indicated by  and read mail drops are indicated by 
Its receiving date is displayed on the right lower corner.

Press  or  to move the flash to select the mail drop you want to read.
]

Press  to read the selected mail drop.
[

In order to delete the mail drop(s),

Press  for 1 second while a mail drop is displayed on the pager screen.
)

Press  or  to move the cursor to 
[

Note: Move the cursor to  to delete all the mail drops the pager has.

Press  to delete the mail drop you selected.
[

Function Menu

The Function menu provides access to the many functions of your pager through the use of symbols and their descriptions. As you move through the Function menu, the pager will show the description of a function the cursor selects.

Note: The icon indicators on the upper corner are displayed according to the current pager status.

Now let's go over the functions the pager provides.

1) Calendar

From the Function menu screen, press  or  to move the cursor to 

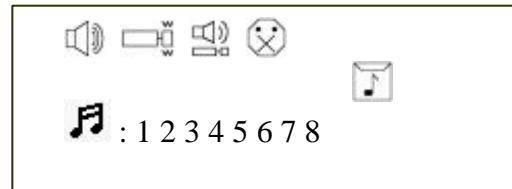
Press  to display the calendar.

Press  or  to adjust the month and year.

2) Setting the Incoming Message Alert

From the Function menu screen, press  or  to move the cursor to 

Press  to display the Choose alert menu .



There are 4 different alert modes, an audible alert(), a vibrating alert(), an audible alert after vibration() and no alert (completely silent)().

Choose Alert Menu Screen

Press  or  to move the cursor to the desired alert mode. The pager gives a sample of each

alert pattern as you move through the alert mode.

Setting an Audible Alert

From the Choose alert menu, press  while the cursor is moved to 

Press  or  to move through the alerts (3 tones/5 melodies) and press  to select.

Setting the Incoming Mail Drop Alert On/Off

While the cursor is moved to , press  or  to switch the Mail Drop alert On/Off mode and press  to select your desired mail drop alert on/off mode.

- Mail drop Alert On (The pager alerts when it has a mail coming.)
- Mail drop Alert Off (The pager won't alert when it has a mail coming.)

Setting a Vibrating Alert

From the Choose alert menu, press  while the cursor is moved to 

Setting an Audible Alert after Vibration

From the Choose alert menu, press  while the cursor is moved to 

Setting No Alert

From the Choose alert menu, press  while the cursor is moved to 

3) Setting the Date and Time

From the Function menu screen, press  or  to move the cursor to 

Press  to display the Set Date and Time screen.

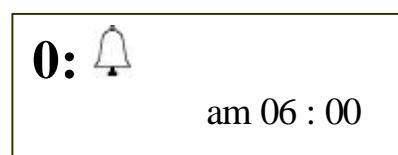
Press  to move the cursor and press  or  to adjust the month, day, year, AM/PM/24hr, hour, minutes and the display format of the date(MDY/DMY/YMD)

4) Setting the Alarm

The pager has an alarm that can be set for 1)a daily specific time and 2)a specific time and date, and 3)a specific time and day.

From the Function menu screen, press  or  to move the cursor to 

Press  to display the Set Alarm screen .



The cursor is on No. 0. Press  or  to adjust

the No. 0 through No. 2. No. 0 alarm is set for a daily specific time.

For example, when the pager is on the daily specific time, am 6:00, it alarms at am 6:00 every day.

Set Alarm Screen

Note: No. 1 alarm is set for a specific time and day.

No. 2 alarm is set for a specific time and date.

Press  while the cursor is on No 1. If you want to select No.1 alarm mode.

Press  or  to enable or disable the No.1 alarm mode and press  to select.

 indicates that the alarm function is disabled

Press  or  to adjust the hour and minutes.

5) Setting Auto Power On/Off

You can set the pager to automatically turn on and off. This feature can greatly improve battery life.

From the Function menu screen, press  or  to move the cursor to 

Press .

To Enable : When this Auto power function is set *On* ,  displayed on the upper

corner.

When the cursor is on  press  to enable Auto On/Off function.

And press  or  to adjust the time.

 indicates the time when the pager automatically turns on and  indicates the time when it automatically turns off.

To Disable :

When the cursor is on  press  or  to display .

And press  to disable.  disappears on the upper corner.

6) Setting the Scroll On/Off

From the Function menu screen, press  or  to move the cursor to 

Press .

Press  or  to adjust the scrolling speed (Normal / Slow / Fast) and Off.

Press  to select.

7) Reminder Alert for Unread Message

When you have a unread message or more, the pager gives periodic reminder alerts until all unread messages are read.

From the Function menu screen, press  or  to move the cursor to 

Press .

Press  or  to enable() or disable ().

Press  and press  or  to adjust the periodic reminder alert time(2, 5, 10, 30 and 60 minutes).

Note : Even though the pager is set to enable this reminder alert for unread messages, it won't remind you when incoming message alert mode is set to "no alert".

8) Setting the Display Duration Time

When the pager is left unbuttoned for a certain period, the screen of pager is automatically converted to be blank but is still ready to receive messages. This feature allows extending the battery life.

From the Function menu screen, press  or  to move the cursor to 

Press  .
[

Press  or  to adjust the display duration time (4, 8, 12, 16 and 20 sec)
]

Press  to select.
|

9) Setting the Character Type

The pager can display 3 kinds of characters when reading the messages. User can select one of three character types. .(2 x16,4x16,4x21)

From the Function menu screen, press  or  to move the cursor to .
)

Press  .
[

Press  or  to view character types
]

Press  to select.
|

NoteBook

You can move the personal messages important to you to NoteBook to prevent them from deleted accidentally. Up to 20 messages can be stored in NoteBook. In order for you to read the message stored in NoteBook, From the Top screen,

Press  or  to move the cursor to read the message in NoteBook and press 

Press  or  to move the flashing cursor and press to read the message in NoteBook.

Others

1) Easy Way to Change Alert Mode

You can easily change the incoming alert mode by pressing  or 1 second.

From the Top screen, press  for 1 second to change.

The alert mode is changed to the following steps.

[Audible alert → Audible alert after vibration → Vibrating alert → Silence]

As you press  for 1 second, the indicators representing the incoming alert mode are changed accordingly.

2) Out of Range

If the pager are outside your paging coverage area,  disappears.

As long as  is not displayed, the pager can not receive messages.

3) Battery Indicator

A battery indicator on the upper corner keeps you informed of the low battery.

4) Automatic Message Deletion

If all the 50 message slots are full, the oldest, unlocked and previously read message is automatically deleted when a new message is received.

Note : To prevent specific messages from being deleted, lock them or move to Note book.

5) Lamp On/Off

As long as the screen is not left blank, press  and  to turn lamp on and press  and  again.

FCC NOTICE

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.