

**FLEX ALPHANUMERIC DISPLAY RADIO PAGER**

# **User's Manual**

For  
**ACE- 4090F**

**ACE TELECOM CO., LTD.**

# CONTENTS

<b>- FEATURES</b>	3
<b>- DESCRIPTION OF INDICATORS &amp; SYMBOLS</b>	4
<b>- CONTROL BUTTONS</b>	5
<b>- OPERATION</b>	5
<i>Turning Pager On</i>	5
<i>Turning Pager Off</i>	5
<i>Read Personal Message</i>	6
<i>Delete Personal Message</i>	6
<i>Lock Personal Message</i>	7
<i>Unlock Personal Message</i>	7
<i>Move Personal Message to Notebook</i>	7
<i>Function Menu</i>	7
<i>1) Read MailDrop / Delete Individual &amp; All MailDrop</i>	7
<i>2) Calendar</i>	8
<i>3) Setting the Incoming Message Alert</i>	8
<i>4) Setting the Date and Time</i>	9
<i>5) Setting the Alarm</i>	9
<i>6) Setting Auto Power On/Off</i>	10
<i>7) Setting the Scroll On/Off</i>	10
<i>8) Reminder Alert for Unread Message</i>	10
<i>9) Setting the Display Duration Time</i>	11
<i>10) Language Set</i>	11
<i>11) Timepiece</i>	11
<i>12) World Time</i>	11
<i>NoteBook</i>	11
<i>Others</i>	12
<i>1) Memory Full Indicator</i>	
<i>2) Easy Way to Change Alert Mode</i>	
<i>3) Out of Range</i>	
<i>4) Battery Gauge</i>	
<i>5) Automatic Message Deletion</i>	
<i>6) Lamp On/Off</i>	

## FEATURES

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- 2 / 4 Line Display per Line besides Icon Indicator Line
- 16/21 Character Display per Line
- Address Capability: 16 Short (8 Long)
- Message Storage: 30,000 Characters Max.
- Message Storage per Slot : 1200 Characters Max.
- Personal Message Slot : 60 (including 20 NoteBook Slots)
- MailDrop Message Slot : 16
- Message Lock up to 30 Personal Messages
- Zoom In/Out
- Set User's Name or Company Name by ROM Writing (Up to 14 English Characters)
- 8 User Selectable Alert (3 Tones, 5 Melodies)
- Message Scrolling On/Off (On; Slow / Normal / 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 (Auto or button press to turn on)
- Remind Alert for Unread Message (2, 5, 10, 30 and 60 min)
- Backup Battery (For retention memory when replacing battery)
- Battery Gauge (4 Steps)
- 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)
- Canned Message
- Service Area Indication
- Auto Power On/Off
- Maildrop Alert On/Off
- Time Clock
- Alarm Function (TIME=Time of Day, DAY=Day of Week plus Time,  
DATE=Calendar Date plus Time)
- Timepiece.
- World time.
- Calendar

## DESCRIPTION OF INDICATORS & SYMBOLS

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### ■ *Indicators*

	Pager On
	Service Area
	Auto Power On
	Batter Gauge
	Vibration Mode
	Audible Mode

### ■ *Symbols*

	Read MailDrop
	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
	Alert On for Incoming Mail
	Alert Off for Incoming Mail
	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
	Language Select
	Stop Watch
	World Time

## CONTROL BUTTONS

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- 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.

■ Lamp On or Off / Used to display the Function menu / Escape

◀ Used to read messages, to select a pager function

## OPERATION

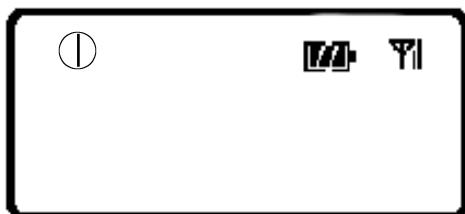
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### *Turning Pager On*

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.



Standby Screen (Fig.1)

### *Turning Pager Off*



Function Menu Screen (Fig.2)

From the Standby screen, press **■** twice to display the Function menu (Fig. 2)

Press **•** or **•** to move the cursor to **■**.

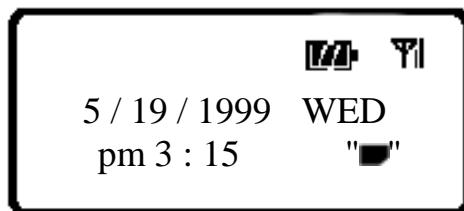
Press **■**. "Pager Off? No" is displayed.

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

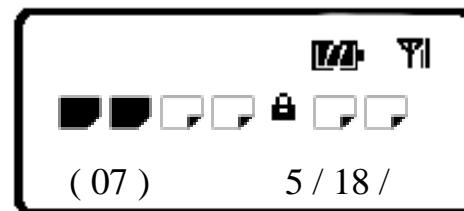
Press **■** again to turn the pager off.

Your pager is now off and the screen is blank. **①** disappears on the upper left corner.

### Read Personal Message



Message Initial Screen (Fig. 3)



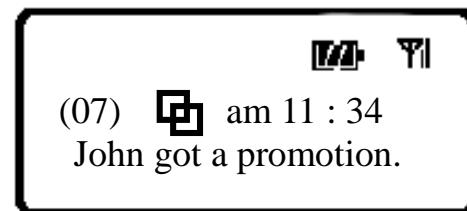
Message Status Screen (Fig. 4)

From the Standby screen(Fig. 1), press **■** to display the message initial screen. Fig. 3 indicates that the current date is 19th May, 1999 (Wednesday) and **■** blinks when messages are left unread.

Press **■** after Fig. 3 to display the Message status screen like Fig. 4. In the Fig. 4, 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 the flashing cursor by **•** or **•**. In the Fig. 5, "07" indicates the message is 7th incoming one and the receiving time is am 11:34. **□** indicates the message is duplicate.



Message Screen (Fig. 5)

### Delete Personal Message

From the Message Screen(Fig. 5), press **■** to display **Fig. 6**

Press **•** or **•** to move the cursor to **■**.

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 Fig. 6, 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.

## **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.

The Function menu is initially displayed as shown in Fig.2.

**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) Read MailDrop / Delete Individual & All MailDrop**

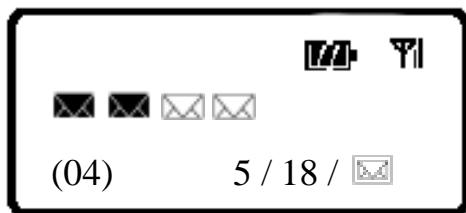
From the Function menu screen as shown in Fig 2.,

press • or • to move the cursor to .

 indicates that you have one unread maildrop or more.

**Note :** When unread maildrop doesn't exist, the symbol displays .

Press  to display the Maildrop status screen (Fig 7.).



*MailDrop Status Screen (Fig. 7)*

The Maildrop status screen shows the current status of your maildrops.

For example, unread maildrops are indicated by  and read maildrops are indicated  by .

Its receiving date (May 18th) is displayed on the right lower corner.

Press • or • to move the flash to select the maildrop you want to read.

Press  to read the selected maildrop.

#### ***In order to delete the maildrop(s),***

Press ■ while a maildrop is displayed on the pager screen.

Press • or • to move the cursor to 

**Note:** Move the cursor to  to delete all the maildrops the pager has.

Press  to delete the maildrop you selected.

## **2) Calendar**

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

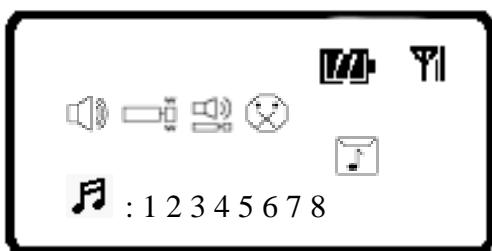
Press  to display the calendar.

Press • or • to adjust the month and year.

## **3) Setting the Incoming Message Alert**

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

Press  to display the Choose alert menu (Fig. 8).



*Choose Alert Menu Screen (Fig. 8)*

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

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 MailDrop Alert On/Off**

While the cursor is moved to  , press • or • to switch the MailDrop alert On/Off mode and press  to select your desired maildrop alert on/off mode.

 : Maildrop Alert On (The pager alerts when it has a mail coming.)

 : Maildrop 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  .

## **4) 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)

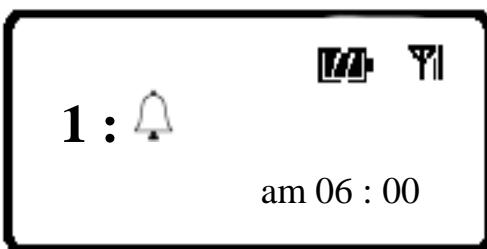
## **5) Setting the Alarm**

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 (Fig 9.)



*Set Alarm Screen (Fig. 9)*

The cursor is on No. 1. Press • or • to adjust the No. 1 through No. 3.

No. 1 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.

**Note:** No. 2 alarm is set for a specific time and day.

No. 3 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.

## 6) 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* ,  is 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.

## 7) 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.

## 8) 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".

## 9) 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.

## 10) Language Set

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

Press .

Press • or • to adjust the display English or Thai.

Press . to select.

## 11) Timepiece

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

Press .

Press • then time start to pass, Press • again, then time stop.

Press • then time reset changed time to 00:00:00.0.

## 12) Word Time

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

Press .

Press • or • to select the city ( Abu Dhabi, ..., Bangkok, ..., Vienna)

After adjust the City, Press ., then the "\*" mark is shown.

then you can see date & time of the city.

## 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 Message initial screen (Fig. 3), press ■.

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

## Others

### 1) Memory Full Indicator ( )

When the memory is full with 50 messages,  is displayed on the right lower corner in the Message initial screen(Fig. 3).

## **2) Easy Way to Change Alert Mode**

You can easily change the incoming alert mode by pressing • or • twice fast.

From the Message initial screen (Fig. 3), press • or • twice fast to change.

The alert mode is changed to the following steps.

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

As you press • or • twice fast, the indicators representing the incoming alert mode are changed accordingly.

## **3) 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.

## **4) Battery Gauge**

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

## **5) 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.

When the message memory is full,  is displayed.

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

## **6) Lamp On/Off**

As long as the screen is not left blank, press ■ for 1 second to turn lamp on and press ■ again for a second.