

**MANUAL FOR INSTALLATION  
AND OPERATING INSTRUCTION**

DEAR CUSTOMERS.

Korea Electronics Co. expresses its most sincere gratitude for your choosing KEC dynabell, display radio paging receiver. please read following operation instructions carefully before you use it.

in case you need any further assistance. Please contact our regional distributor who will be always at your service.

Model Name	P452H Display Radio Paging Receiver
Manufactured by	Korea Electronic Co., Ltd.

CAUTION : ANY CHANGES OR MODIFICATIONS IN CONSTRUCTION OF THIS DEVICE WHICH ARE NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

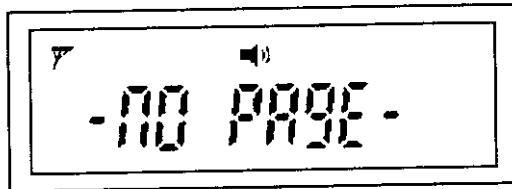
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE CONDITION THAT THIS DEVICE DOES NOT CAUSE HARMFUL INTERFERENCE.

## *Contents*

- n Lcd Indicator Symbols
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⑤ No page

If there is no message received, NO PAGE is displayed when you press the read button.



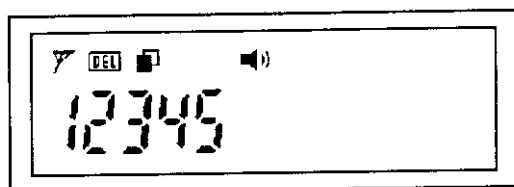
### *Cautions*

- ① Keep dry.
- ② Do not expose in direct sunlight for a long time.
- ③ Keep away from flammable materials.
- ④ Do not substitute or modify any parts.

## *Other information*

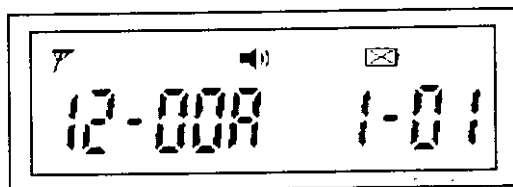
### ① Duplicate Messages

When a duplicate message is received, duplicate message icon is displayed.



### ② Low battery indication

When the battery is low, low battery icon is displayed.  
Change your battery within few days of receiving a low-battery indication

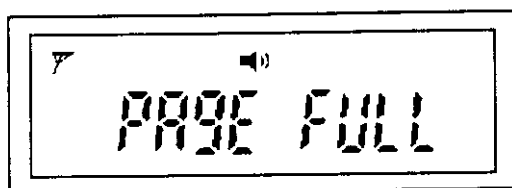


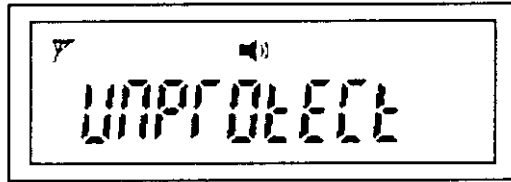
### ③ Service area indicator

is displayed in the upper portion of the screen when your pager is located inside of your paging coverage area. is no longer displayed when you are outside of paging coverage area.

### ④ Messages full

When your pager receives up to 20 messages, PAGE FULL is displayed in 8 seconds. The oldest message is deleted automatically if a message comes again.





**NOTE :** When you have locked 8 messages, LOCK FULL is displayed when you try to lock the next message. To lock the next message, you must first unlock one message.

### ***Backlight***

Press the select button to activate the LCD backlight.

And when you read a message during 5:00 P.M. to 6:59 A.M., backlight is on automatically.

### ***Replacing the battery***

This pager operates with one AAA-size alkaline battery.

- ① Turn your pager off.
- ② To remove the old battery, slide the battery door lock towards the bottom of the pager to unlock the battery door.
- ③ Slide the door until it is free of the housing.
- ④ Remove the battery.
- ⑤ Align the new battery so the positive(+) and negative(-) markings match the polarity diagram in the battery compartment.  
Insert the battery.
- ⑥ Replace the battery door. Slide the battery door closed.
- ⑦ Slide the battery door lock towards the top of the pager to lock the battery door.

To delete a single message :

- ① Press the read button to select a message to be deleted.
- ② Press the mode button and read button together.  
Then, the message is deleted with a beep.

### ***Locking/Unlocking(Protecting/Unprotecting) Messages***

You can lock to protect up to 8 messages so they are not erased or replaced from being :

Deleted with the CLEAR ALL function

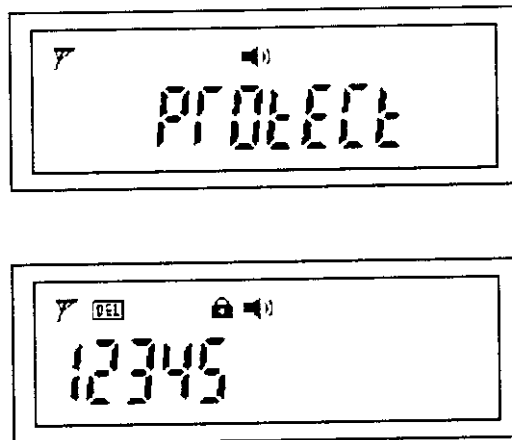
Replaced when the pagers memory is full, as indicated by PAGE FULL.

#### ① Locking messages

Press the read button to select the message to be locked.

When pressing mode button, PROTECT is displayed on the screen.

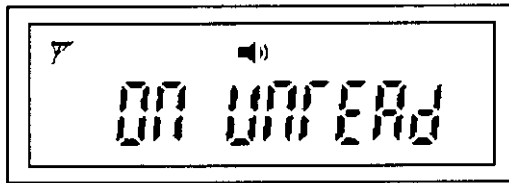
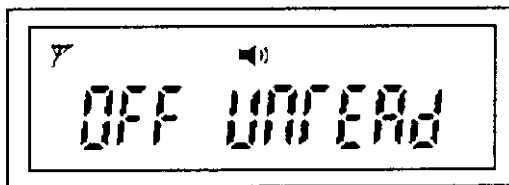
Press the select button to lock, then the message is locked with a beep and locked message icon is displayed.



#### ② Unlocking messages

Press the read button to select the message to be unlocked.

When pressing mode button, UNPROTECT is displayed on the screen. Press the select button to unlock, then the message is unlocked with a beep and locked message icon disappear.



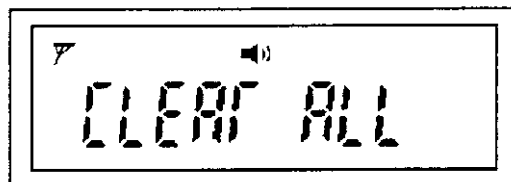
- ③ Press the select button to set the mode you desire.
- ④ At ON UNREAD, if there is a unread message the pager alerts or vibrates in every 5 minute depending on alert mode chosen, with unread message icon .
- ⑤ At OFF UNREAD, even if there is a unread message, just unread message icon is displayed on the standby screen.

## *Deleting Messages*

Messages may be deleted one at a time or all at once.

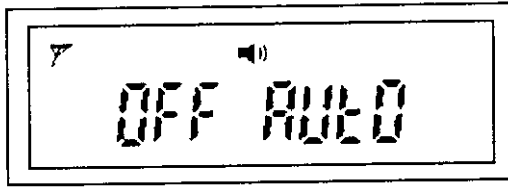
To delete all messages :

- ① From the standby screen, press and release mode button until CLEAR ALL is displayed.



- ② Press select button and read button together.  
Then, all messages except locked messages are deleted with a beep and symbol -----.





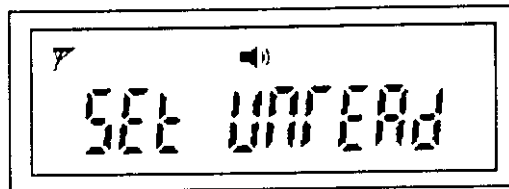
- ③ At ON AUTO, Press the select button.  
The hour digit for turn-on time begins to flash.  
Press and release the read button to set the hour.



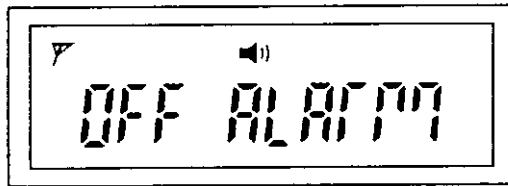
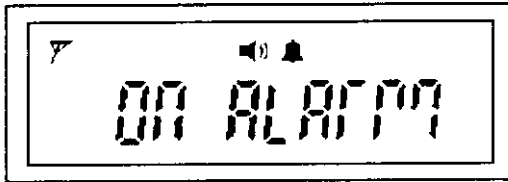
- ④ Press the mode button to move to the minutes, A.M./P.M. fields.  
Press and release the read button to set the value for each field.
- ⑤ Follow the same instructions to set turn-off time.
- ⑥ When an automatic on/off is enabled, the automatic on/off icon is displayed on the standby screen

### *Setting the On/Off Unread(Unread messages reminder)*

From the standby screen, press and release mode button until SET UNREAD is displayed.



- ① Press the read button to enter the SET UNREAD menu.
- ② By pressing the read button, ON UNREAD and OFF UNREAD can be selected repeatedly.

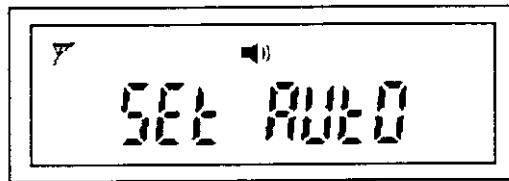


- ③ At ON ALARM, Press the select button  
The hour digit begins to flash. Press and release the read button to set the hour.
- ④ Follow the time-setting instructions to set the alarm time.
- ⑤ By pressing select button, you can set the alarm and exit.

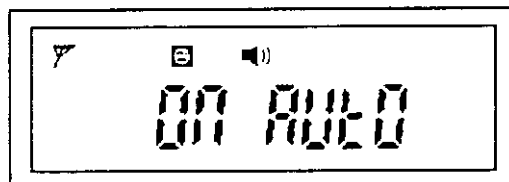
When an alarm is enabled, the alarm icon is displayed on the standby screen.

### *Automatic On/Off*

You can set your pager to turn on or off at a certain time.  
From the standby screen, press and release mode button until SET AUTO is displayed.



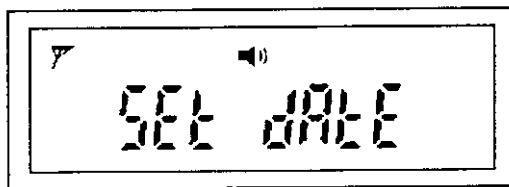
- ① Press the read button to enter the SET AUTO menu.
- ② By pressing the read button, ON AUTO and OFF AUTO can be selected repeatedly.



Note : When A.M./P.M. indicator flashes, by pressing mode button you can adjust hour or minutes again.

## *Setting the Date*

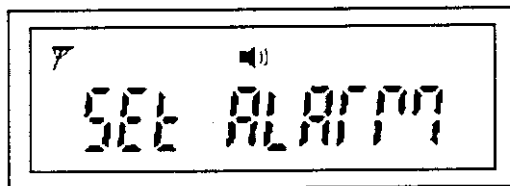
From the standby screen, press and release mode button until SET DATE is displayed.



- ① Press the read button. The month digit begins to flash.  
Press and release the read button to set the value of the month.
- ② Press the mode button to move to the each of the date field.  
Then press the read button to set the value for each field.
- ③ By pressing select button, you can set the date and exit.

## *Setting the Alarm*

From the standby screen, press and release mode button until SET ALARM is displayed.



- ① Press the read button to enter the SET ALARM menu.
- ② By pressing the read button, ON ALARM and OFF ALARM can be selected repeatedly.

### ③ Melody Mode

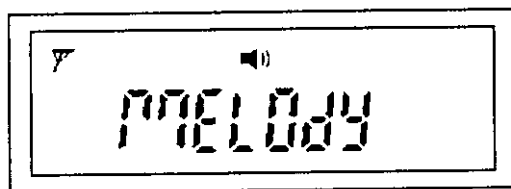
By pressing read button, you can choose MELODY mode.

To enter MELODY mode, press select button then MELODY

SEL 1 is display with melody alert icon .

By pressing read button, you can choose one of the 5 melodies.

The pager gives off a sample of each displayed melody when pressing mode button. By pressing select button, you can set and exit.



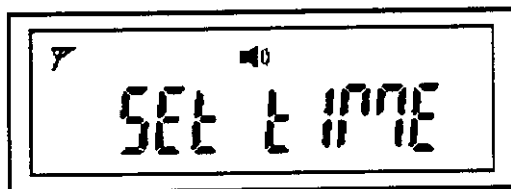
SEL 1 is display with melody alert icon .

By pressing read button, you can choose one of the 5 melodies.

The pager gives off a sample of each displayed melody when pressing mode button. By pressing select button, you can set and exit.

## *Setting the Time*

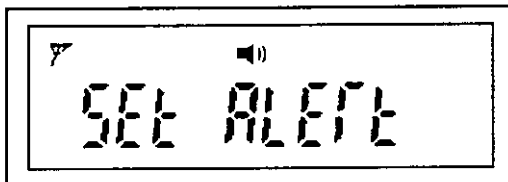
From the standby screen, press and release mode button until SET TIME is displayed.



- ① Press the read button. The hour digit begins to flash.  
Press and release the read button to set the value of the hour.
- ② Press the mode button to move to the each of the minute, A.M./P.M.  
field. Then press the read button to set the value for each field.
- ③ By pressing select button, you can set the time and exit.

## *Choosing the Alert Mode*

You can choose a alert mode ; ALERT, VIBRATION or MELODY  
From the standby screen, press and release the mode button until  
SET ALERT is displayed.



Press read button until the desired alert mode displayed.

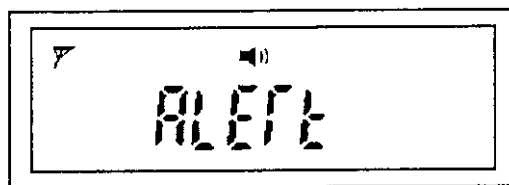
### ① Alert Mode

By pressing read button, you can choose ALERT mode.

To enter ALERT mode, press select button then ALERT SEL 1 is  
display with audible alert icon .

By pressing read button, you can choose ALERT 1 or ALERT 2.

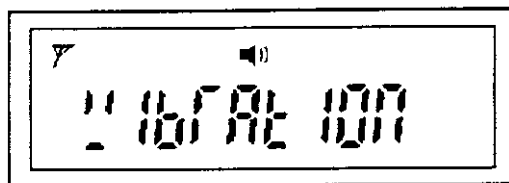
The pager gives off a sample of each displayed alert when pressing  
mode button. By pressing select button, you can set and exit.



### ② Vibration Mode

By pressing read button, you can choose VIBRATION mode.

When pressing select mode, you can set with vibration and exit.



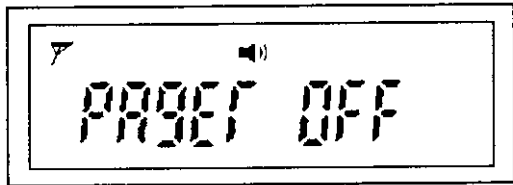
Standby Screen(the time) Pager Off Set Alert Set Time

Set Date Set Alarm Set Auto Set Unread Clear All

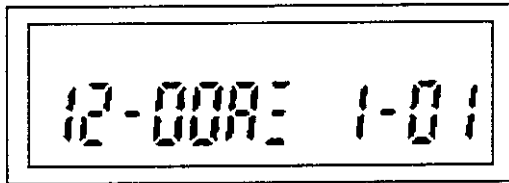
Press mode button to choose corresponding menus, and then press read button to enter each menu.

### *Turning the Pager on/off*

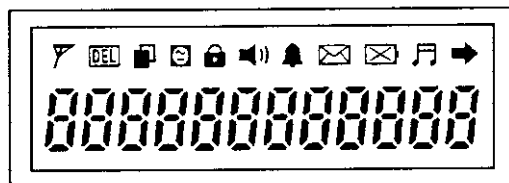
From the standby screen, press and release mode button until PAGER OFF is displayed.



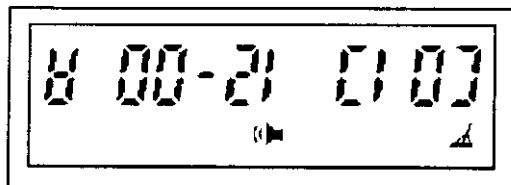
- ① When the PAGER OFF is displayed on the screen, press select button to turn the pager off.
- ② The off screen is displayed without any icon.



- ③ To turn the pager on at off screen, press read button over 3 seconds.
- ④ Then, the screen displays all icons with alert and vibration.



received time of the message.

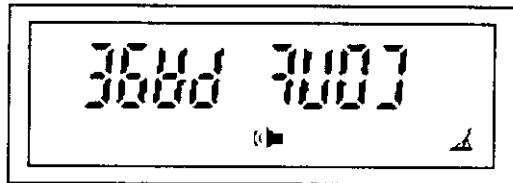


④ By releasing read button, you can find the latest message

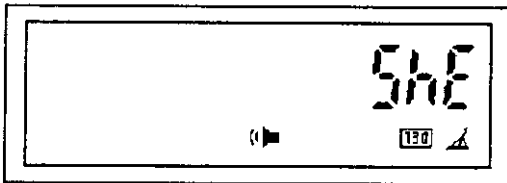


A in the upper right-hand corner of the message screen indicates the message is continued on an additional screen.

① By holding the read button, you can find the word CONT PAGE.



② By releasing read button, you can find the rest of message.

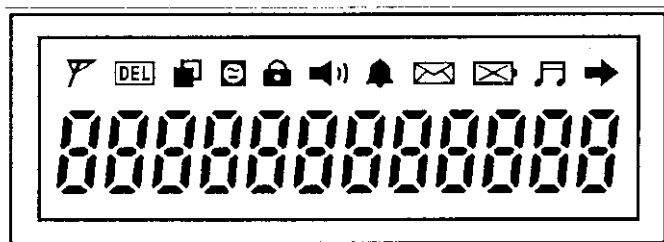













## Selecting the Menu

This unit includes various and helpful 9 menus.

By pressing and releasing mode button one by one, you can scroll as follows :

## *Lcd Indicator Symbols*



	: Service Area Indicator
	: Locked Message
	: Delete Selected Message
	: Alarm Indicator
	: Automatic Power On/Off
	: Audible Alert Mode Indicator
	: Melody Alert Mode Indicator
	: Message continuation
	: Duplicated message
	: Unread Message
	: Low Battery

## *Key Controls*

Select button is used to turn on the backlight or confirm the mode.

Mode button is used to select the mode.

Read button is used to read a message, to turn on the pager, to enter the menu or to increment a value.

## *Receiving and Reading Messages*

When a message is received, your pager either alerts or vibrates.

- ① Press any button to stop the alert
- ② Press read button to display the message.
- ③ By holding the read button, you can find the slot number and