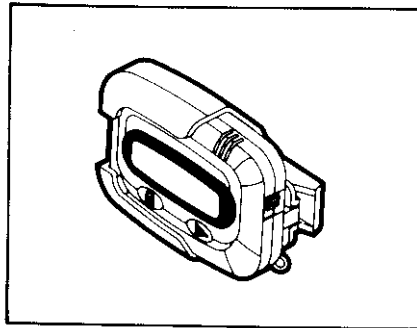


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STATEMENT

PT-105/205/405/905

USER'S MANUAL



 **PANTECH**

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1. THE FEATURES AND FUNCTIONS

You are now using one of the most versatile, technically advanced numeric display pager Model **PT-X05** series, Pantech provided.

This product is a radio paging receiver that displays numeric messages, and it is a super-compact, super-light and multi-functional pager using integrated radio communication technology.

The pager can easily be carried comfortably in a pocket or purse, or it can be clipped onto a belt with belt-clip.

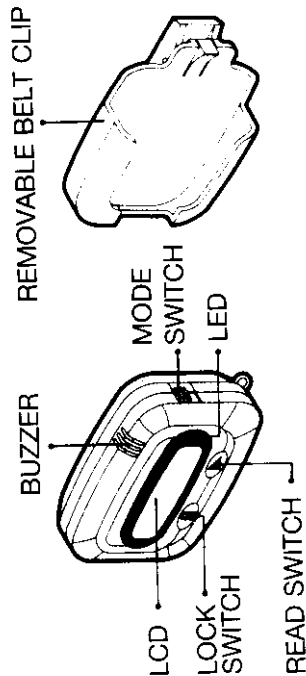
The following features are the standards of the Pantech radio pager;

- Display real-time clock, message received time and days of the week.
- Morning wake-up call (Melody alarm).
- Automatic power On/Off.
- Message receipt function with no alert and vibration.
- User's selectable melody and alert (17 melodies and 3 alerts).
- Last parameter and time storage function when changed battery.
- Display caller's identification.
- 10 kinds of canned message calls (6 user's programmable).
- 500 characters data storage capacity (20 characters X 25 messages).
- Duplicated message indication.
- Unread message indication.
- Message lock and erase.
- Out of range indication.
- Low battery indication and alert.
- Memory full alert.

4

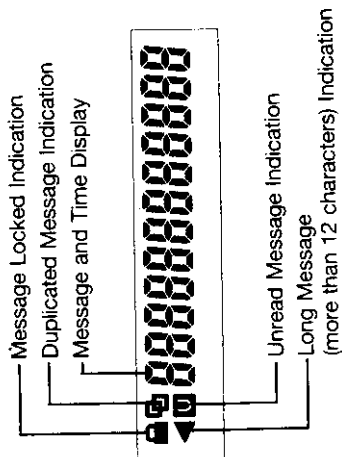
2. APPEARANCE

1. APPEARANCE



5

2. LCD PANEL



3. CONTROL SUMMARY

(1) Power/Mode Switch

POSITION	POWER	ALERT
0 (off)	OFF	MELODY ALARM (Note)
S (silent)	ON	LED/VIBRATOR
N (normal)	ON	LED/TONE or MELODY

Note. Melody comes out when alarm time matches with the real time.

(2) Read Switch (▶)

- Read the stored/received message.
- Select various functions for the setting by Lock Switch.

(3) Lock Switch (■)

- Check the days of the week.
- On/Off LCD Illuminator.
- Read the stored/received message.
- Stop alerts/Time setting for real and alarm time.
- Retrieve various functions user can select.
- Setting various functions user can select.

3. OPERATION

1. INITIAL OPERATION (Power On/Off)

When the mode switch be pressed, the power-up alert activates for 4 seconds and all segments on the LCD will be displayed.

After the power-up sequence or pressing any of switches (Lock/ Read), the pager will display characters as follows, depending upon the mode in operation;

53 12-00R

00 12-00R

(Silent Mode)

(Normal Mode)

If the Mode Switch is positioned at "0" (Off), the pager will enter into the power off mode and will display as follows;

OFF 12-00R

8

CAUTION : During the power off mode, real-time will be displayed but the messages are unable to be received.

2. USER SELECTABLE FUNCTIONS

(1) Setting Current Time and Days of the Week

- ① Push and hold the Lock Switch for 3 seconds during the stand-by mode.

Then the LCD will display as follows;

11:00 2

- ② At this mode, the Read Switch enables the pager set the real time clock and the LCD will display as follows;

11:00 12-00R

9

Each time digit (hour and minute) can be selected by pressing the Read Switch and each digit selected can be set by Lock Switch during this period.

- ③ After the real time set, press the Lock Switch once. Then the Day of the Week can now be selected and set in the same way.

Sun 12-00A

(2) Alarm Time Set

- ① When LCD displays "TIME?", the Lock Switch enables the pager to display as follows for the alarm time setting.

ALARM ?

- ② At this mode, press the Read Switch once. Then the LCD will display as follows;

ALM 6-00A

10

Using the Read Switch, you can select the alarm time in want. And when you complete the alarm time setting according to the way of real time setting, the LCD will display as follows;

ALM ENABLE

- ③ In case you want a alarm function, select "ALM ENABLE" pressing the Read Switch. And if not, select the "ALM DISABLE" with Read Switch like below, and then please complete to set by pressing the Lock Switch;

ALM d: SABLE

(3) Automatic Power On/Off Function

- ① When LCD display "ALARM?", press the Lock Switch once again to display as follows;

POF AUTO ?

11

② At this mode, press the Read Switch to display as follows;

06 . 00 . EN

- The First No. "06" means the time of power-on, and the second one "00" does that of power-off. The last letter "DI", "EN" or "SL" is the meaning of "Cancel the function", "Take the function" and "Sleep mode function" respectively.
- Above display means "Automatically power on at 6:00 A.M. and will be off at midnight"
- Automatic Power On/Off function can be set by every one hour only, so if you want 10:45 P.M. please use 24:00 for the time setting.

③ After a time selection, press the Lock Switch to complete the setting

(4) Sleep Mode (Silent Messaging) Function

- In this mode, a pager just receives the message but no vibration or alert tone will activate.

① When LCD displays "06_00_EN", press the Read Switch to select the "SL". And complete to set this mode with a Lock Switch.

06 . 00 . SL

② This mode can be set manually also by changing the Power /Mode Switch from "N" (Stand-By mode) to "S" position, after pressing the Lock Switch at the Stand-By mode ("N").

In Reverse, the pager will return to Stand-By mode instantly, if you want to cancel this mode, by changing the Power Switch from "S" to "N" position.

SLP 12-00A

* This mode is very useful when you do not want to be disturbed during your sleep or work.

(5) Beeper Sound Selection

- ① This function is available at the mode when LCD display "PGR AUTO", by pressing the Lock Switch once. Then the LCD will display as follows; Now, you can easily choose the melodies and alert tones what you want, using the Read Switch;

ALERT ?

(3 kinds of alert tones and 17 kinds of melodies are selectable by user)

- ② A melody can be set by the Lock Switch. Now you can hear allocated melody you selected instead of alert tone, when the pager receive a message.

(6) Unread Message Reminder Function

- ① When LCD display "ALERT?", press the Lock Switch once to make LCD display as follows;

ENABLE ?

- ② At this mode, select one of "ENABLE" or "DISABLE" option, using the Read Switch. And set the function with a Lock Switch.

ENABLE

DISABLE

- If you choose this function, the pager will remind you of the unread messages in pager either vibrating or alerting for 2 seconds by every 2 minutes.

(7) Canned Message Setting

1. When LCD display "SECRET NO?", The Lock Switch enables the pager to display as follows for this function setting;

SECRET NO?

2. At this mode, press the Read Switch once. Then the LCD will display as follows;

4.

- At this status, you can select and input the special information you want to set using the Read and Lock Switches.

Likewise, you can set 6 kinds of canned information from the No.4 to 9. Each information can be set upto 10 characters (mixed A to Z and 0 to 9).

- Please consult the details of this function or its availability to your service agent.

3. RECEIVING AND READING A MESSAGE

(1) Receiving a Message

When a paging message is received, This alert tone selected will sound in the normal mode. And the LCD will display the time when message received and the icon of the existence of unread message as follows;

12:00 13:00

- (2) In case an error message were received within a weak radio wave zone, the LCD will display "TONE ONLY" or an underlines just beneath the error message with icons as follows;

TONE ONLY

0005-800

(3) Reading a Message

When you press the Read Switch once to read a message, the message status (message location No., address type, call type & message receiving time) and associated icons will be displayed on LCD. And when you press the Read Switch again, actual message will be displayed as follows:

00131812-00

002-6005-800

[01]: Message location No. 1: Address No. (1,2,3,4,5 or 6)

d: Call type (a,b,c, or d) 12-00: Message receiving time (0:00-24:00)

When a duplicated message or a long message more than 12 characters was received, the former part (12 character) will be displayed with the icons (01 , ◀) as follows:

002-6005-800

282

You can press the Read Switch again to read the later part of long message.

If no message was received, the LCD will display "NO INFO" for 8 seconds as follows:

NO INFO

(4) Memory Full Indication

If 25 messages have been stored in memory, the LCD will display "INFO FULL" as follows: When new messages are received at this time, the message stored in the pager from the first will be omitted by order.

INFO FULL

4. LOCKING AND ERASING MESSAGES

(1) Locking Messages

If you want to store the message into the memory, press the Lock Switch while the message is on display. When the message is locked, the lock icon will be displayed as follows:



When locked, the message will not be lost by a new coming message nor by the power-off.
The message will be unlocked by pressing the Lock Switch again.

CAUTION : To ensure the important message protection, please make it be locked.

(2) Erasing a message

To erase a message received, press and hold the Lock Switch for 3 seconds. Then that message will be erased with a short alert tone. This way also can be applied to erase a locked message.

(3) Erasing All Messages

To erase all messages, press and hold the Read Switch for 2 seconds at Power-off status, and then turn the Power Switch on.

20

The LCD will display "ERASE ALL?" to indicate that all stored message is about to be erased.

At this mode, another 2 more seconds of pressing the Read Switch will make all stored message (including all Unread and Locked message) erased, and the LCD will display "ERASED". But, if not pressed the Read Switch more at the display of "ERASE ALL?", this function will be cancelled, so that the pager will return to the normal receiving mode.

5. OUT OF RANGE INDICATION

If the pager does not receive any valid paging transmission signal for 5 minutes, the pager will display "OUT RANGE" as follows;

OUT RANGE

(Normal Mode)

21

And, during the stand-by mode, the LCD will display "OUT & real time".
When one valid paging transmission signal is received, the "OUT" character will be disappeared.

Out 12-00A
(Stand-by Mode)

6. LCD BACK LIGHT

If the Lock Switch is pressed during stand-by mode or reading a message, the LCD back light will be on for 8 seconds. Pressing the Lock Switch again makes the back light off.

7. LOW BATTERY ALERTING AND INDICATION

When the battery voltage drops under the prescribed level, the LCD will display "LO CELL" as follows, and special alert cadence will sound for 8 seconds by every 60 minutes. And the LCD will display "LOLO & real time" during stand-by mode as follows;

22

LO CELL
(Normal Mode)

LOLO 12-00A
(Stand-by Mode)

8. ALARM OPERATION

When it becomes on alarm time, the prescribed melody (alert) will sound and the LCD will display as follows;

ALARM

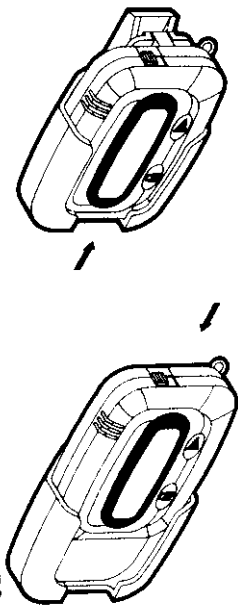
* The alarm function will be operated, even when the power-off status.

23

4. BELT CLIP AND BATTERY REPLACEMENT

1. BELT CLIP

A pager can be installed into the belt-clip and be drawn out in reverse, as shown in the figures;

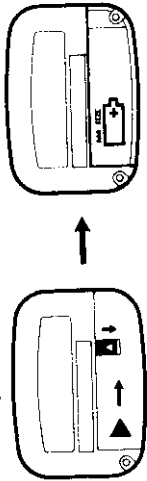


2. BATTERY REPLACEMENT

(1) If you press and hold the Lock Switch at power-on mode, the last parameter programmed & current time will be stored in the CPU.

24

- (2) Slide the locking switch to the unlock position, as shown in the figure;
- (3) Slide the battery cover to the unlock direction, and remove the battery.
- (4) Replace the battery as shown in figure, paying attention to the polarity markings (+ and -).
- (5) Reinstall the battery cover in the reverse order of disassembly.



CAUTION : 1. Be sure to make the last parameter and time be stored in the CPU, before the battery replacement.
2. Please use a AAA alkaline battery only.

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5. PROGRAMMABLE OPERATION

1. CANNED MESSAGE

When a pager receives a special prefix message and a special number(0-9), the pager will sound allocated music, displaying 10 kinds of canned messages on the LCD as follows;

NO	ALERT (SOUND)	DISPLAY
0	Home Sweet Home	CALL HOME
1	Siren Sound	CALL OFFICE
2	Happy Birthday to You	HAPPY BIRTH
3	Congratulation	GREETINGS
4	Oh, My Darling Clementine	programmable

NO	ALERT (SOUND)	DISPLAY
5	When You and I were Young Maggie	programmable
6	Edelweiss	programmable
7	England Folk Song	programmable
8	Korean Nursery Song	programmable
9	Mozart Piano Concert K. 467	programmable

• 6 canned messages among 10 (No.4-9) are programmable by user.

6. CAUTIONS

1. Please keep the pager out of water and the sun.
2. Careless handling such as dropping may cause a severe functional problem.
3. Please keep away from any flammable materials such as benzene, thinner, insecticide, etc.
4. Please do not use this pager for any extra purpose than explained in this manual.

* 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 UNDESIRE OPERATION.