

Xeno chic

USER`S MANUAL

Dyne Telecom Co .,LTD

XENO *chic*

USER'S MANUAL

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MAY, 25 1998
DYNE TELECOM CO., LTD.

SPECIFICATIONS

Code format	POCSAG Code, 1200 bps
Radio frequency range	One specified frequency 137.000MHz~178.000MHz
Paging Sensitivity	Less than $7\mu\text{V/m}$ (1200 bps)
Selectivity	More than 65 dB at $\pm 25\text{ KHz}$
Spurious Rejection	More than 55 dB
Channel Spacing	25KHz
Desensitization	More than 65 dB at $\pm 25\text{ KHz}$
Intermodulation	More than 50 dB at $\pm 25\text{ KHz}$
Frequency stability	$\pm 10\text{ ppm}$ (at $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$)
Digital modulation	Frequency Shift Keying (FSK)
Deviation	Mark carrier frequency : Typical -4.5 KHz Space carrier frequency : Typical $+4.5\text{ KHz}$
Liquid crystal display	12 digits, 8 icons and clock display
Display lighting	Two LED module for backlight
Internal message storage	16 messages
Max. protected messages	12 messages
ID ROM	Electrically erasable programmable read only memory (EEPROM)
Alert tone output	More than 75 dB SPL at 30 cm
Usage power	One 1.5V AAA size alkaline battery
Weight (include battery)	39.5 g
Dimension (H×W×D)	44.0×55.9×16.8 mm

FEATURES (POCSAG)

In range display

16 message slots

Each message slot stores 20 digits

Display Receiving time stamp

Locking 12 messages

Display receiving address

Deleting all unlocked messages

Selectable beep or vibration alert mode

Low battery alert and indication

Display unread message

Built in alarm clock

Clock display in off state

Duplicate message detection

No beep in vibration mode

Cap-code display function

Backlight function

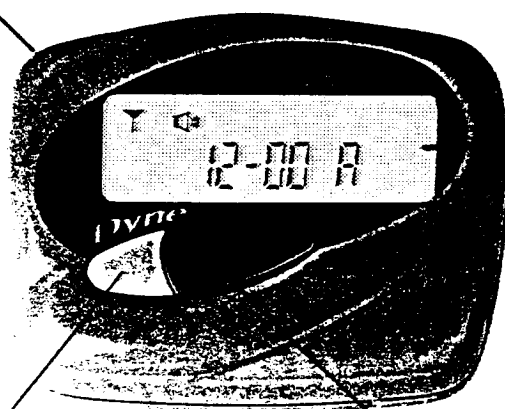
Additional message indication for more than 13 digits

1. FEATURES

- In range display
- 16 message slots
- Each message slot stores 20 digits
- Display Receiving time stamp
- Locking 12 messages
- Display receiving address
- Deleting all unlocked messages
- Selectable beep or vibration alert mode
- Low battery alert and indication
- Display unread message
- Built in alarm clock
- Clock display in off state
- Duplicate message detection
- No beep in vibration mode
- Cap-code display function
- Backlight function
- Additional message indication for more than 13 digits

2. EXTERNAL VIEW OF THE XENO *chic*

Belt Chain Link



LCD

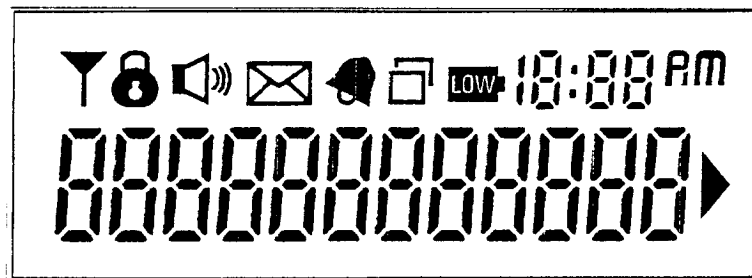
Read Button

Function Button

3. LCD DISPLAY

LCD is consist of 8 icons, small clock display area and main 12 digits display. Icons are ;

	In range indication
	Locked message indication
	Sound alert/Vibration mode
	Unread message indication
	Alarm clock enable indication
	Duplicate message indication
	Low battery indication
	Additional message indication for more than 13 digits



4. KEY DESCRIPTION

Read button (Right) : Used for message reading and function selection

Function button (Left) : Used for entering function mode and escape.

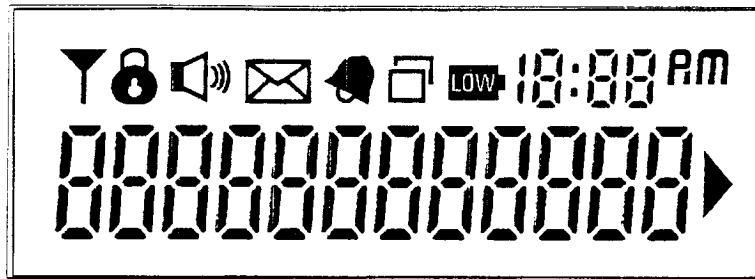
5. BASIC PAGER OPERATION

1) POWER ON / OFF

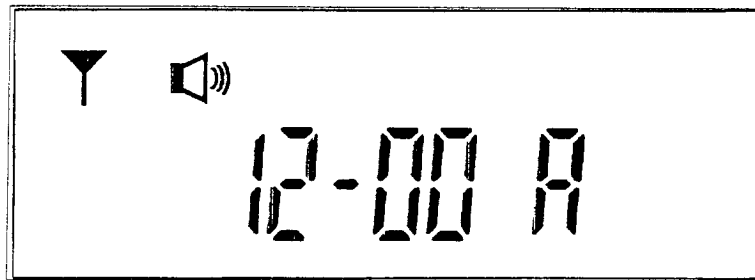
① Power on

When pressing any button for 2 second or longer while the receiver is in the off state, a ring tone is activated and at the same time the following is displayed.

And then, power is turned on.



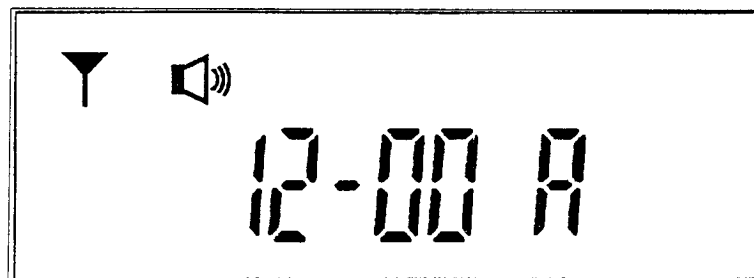
↓ Press any button for 2 second.



< Receive waiting state >

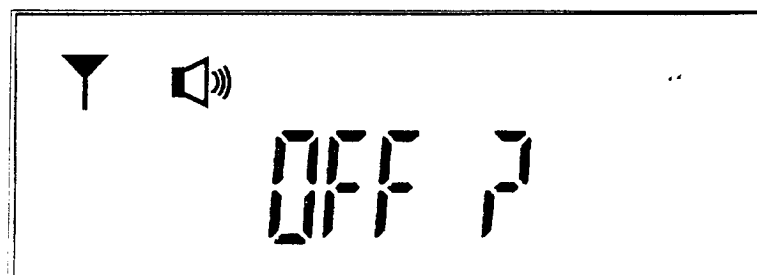
② Power off

Press the function button three times in receive waiting state.

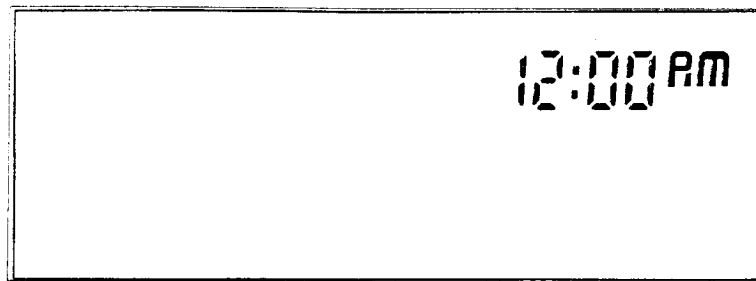


< Receive waiting state >

↓ Press function button three times.



↓ Press the read button.

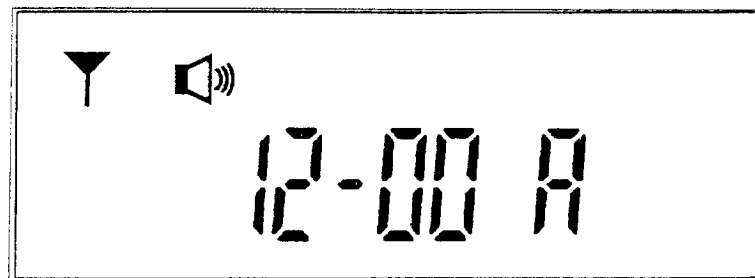


< Power off state >

2) INITIAL RECEIVE WAITING STATE

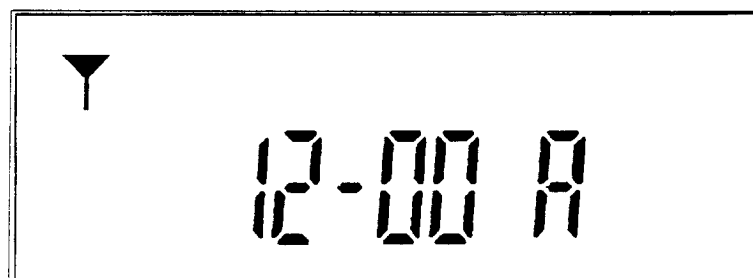
The following ① and ② show the initial receive waiting state in each mode.

① Ring tone mode



< Initial State >

② Vibration mode

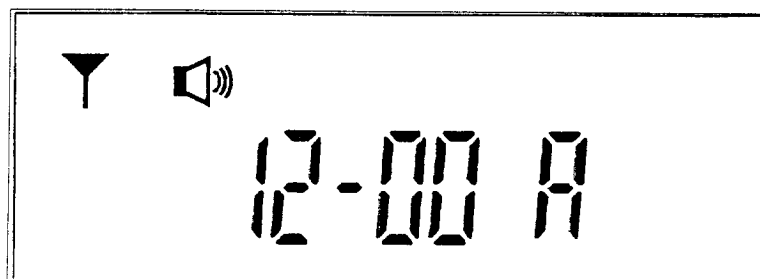


< Initial State >

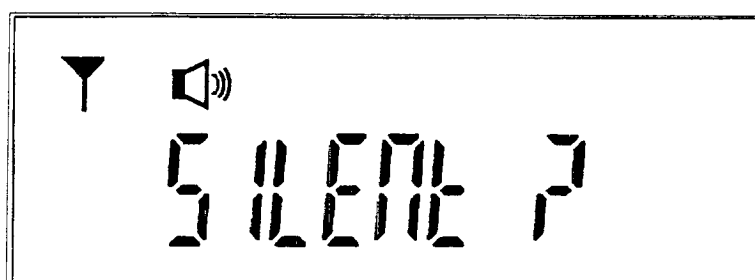
* For the time indication in the initial receive waiting state, "-" indication between time and minute in the interval of 0.5 seconds. In addition, adjust the current time in accordance with the time adjustment order.

3) SWITCH OF ALERT STATUS

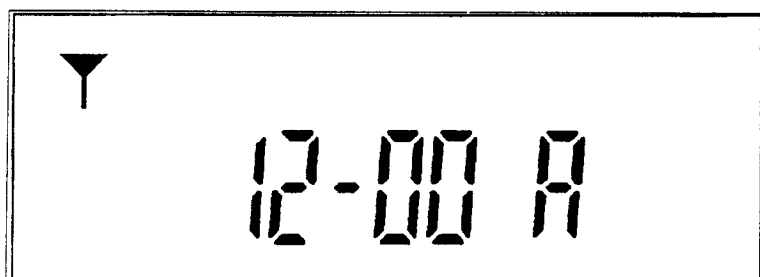
① When switching from the ring tone mode to the vibration mode.



↓ Press the function button.



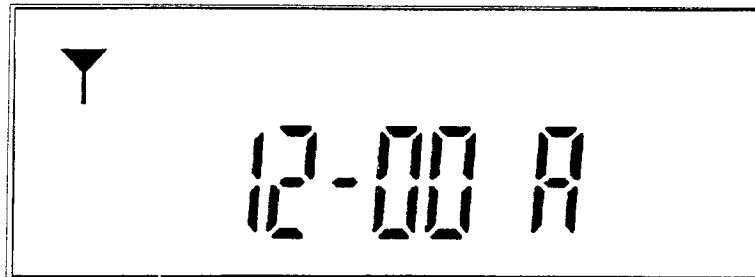
↓ Press the read button.



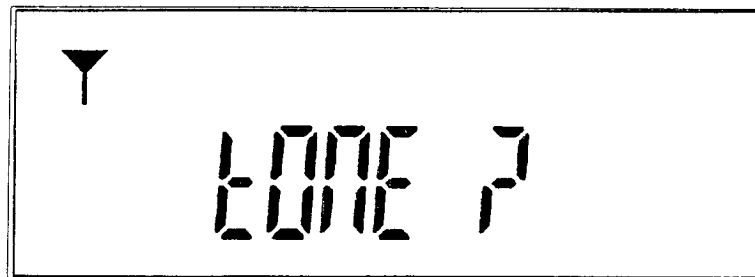
< Switching into the vibration mode >

- ② When switching from the vibration mode to the ring tone mode.

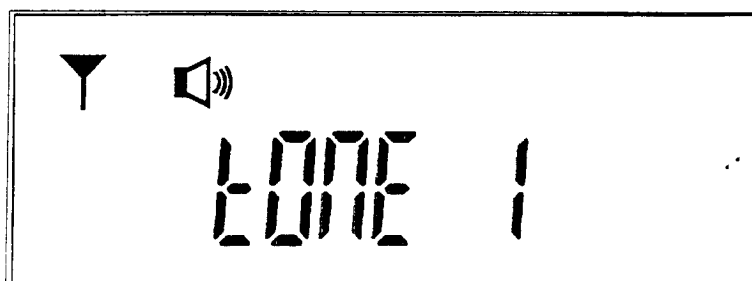
When pressing the read button once after pressing the function button, the status changes into Tone 1, Tone 2, Tone 3, and Tone 4 sequentially. Then, when selecting your favorite tone and pressing the function button, the selected tone is designated as a ring tone.



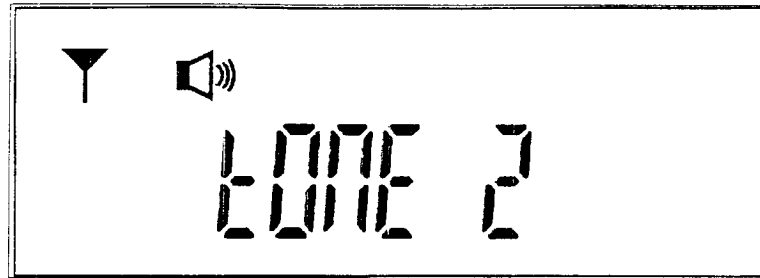
↓ Press the function button.



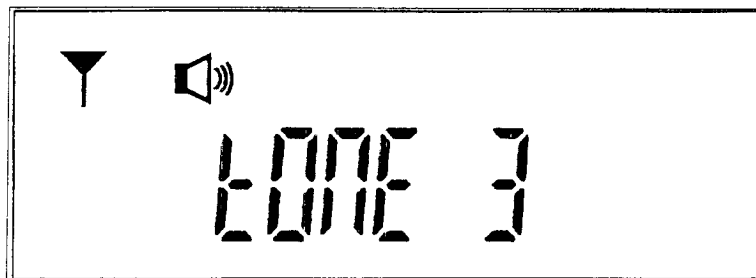
↓ Press the read button.



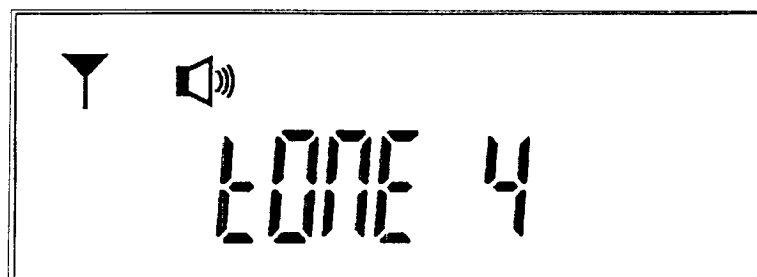
↓ Press the read button.



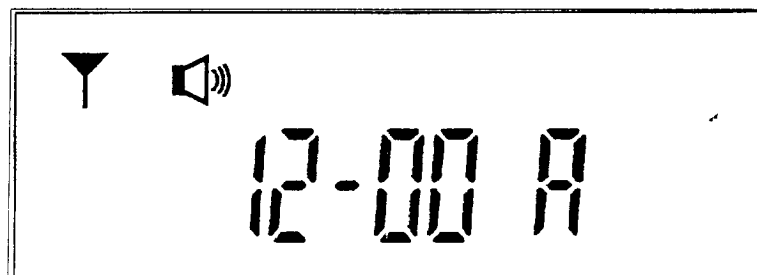
↓ Press the read button.



↓ Press the read button.



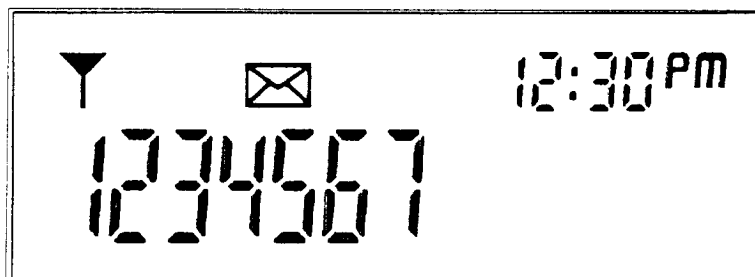
↓ Press the function button.



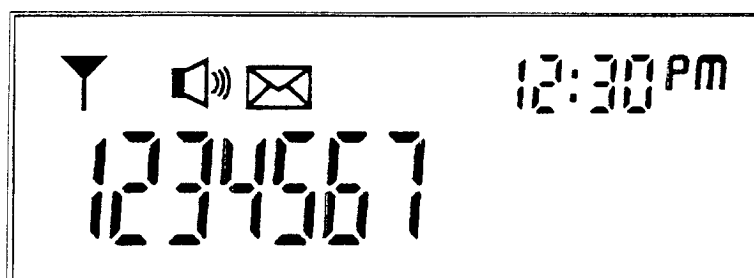
< Switching into the ring tone mode >

4) MESSAGE RECEIVE

- ① In case a call is made, the received message is displayed on the screen and the call alert is activated all the same time.

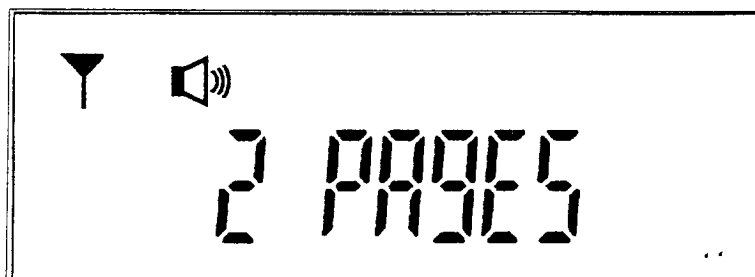


< Message receive while in the vibration mode>



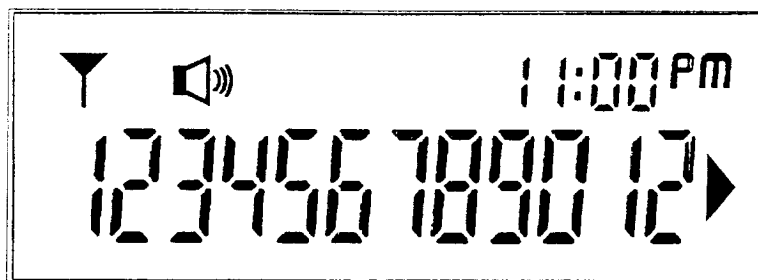
< Message receive while in the ring tone mode>

- ② In case the received message are not read, the number of message not read is displayed on the screen as follows. (See "Reading the message Not read")



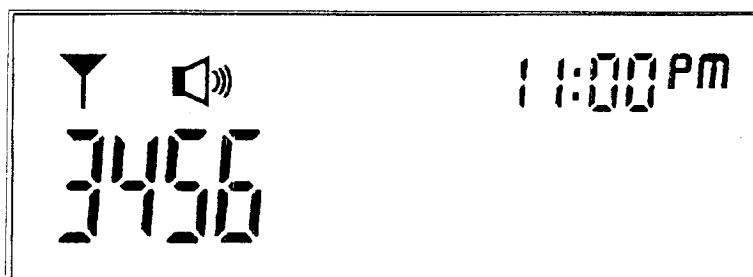
- ③ Displaying the message with 13 characters or more

In case the message with 13 characters or more is received, the "►" indication is displayed on the end part of the first screen to notify that the message continues on the next screen.



< First Screen >

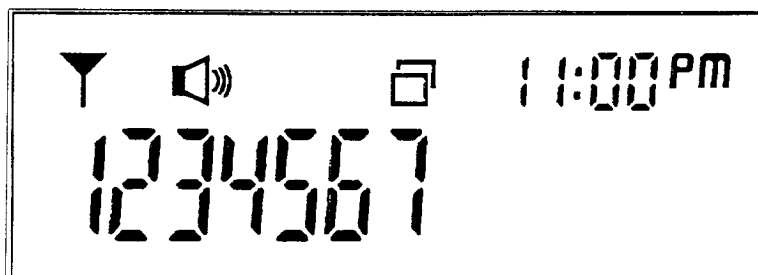
↓ Press the read button



< Next Screen >

④ Displaying the Overlapped Message

In case the received message is the same to the memorized message, "☐", Which is the message overlap indication is displayed. Moreover, "☐" is displayed over the message when reading this message again.



< Displaying the Message Overlap >

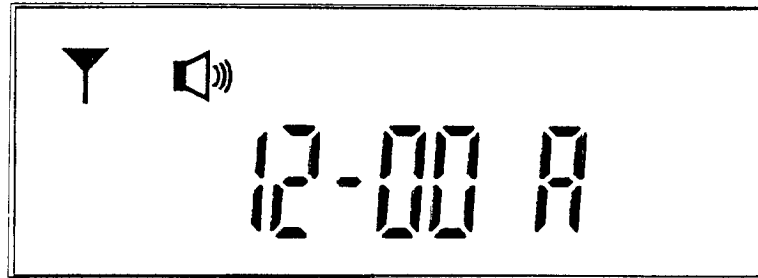
5) READING THE MESSAGE

① Reading the Received Message

When receiving the message, the alert (ring tone or vibration) can be deactivated within the automatic recovery time by pressing the function or read button. At this

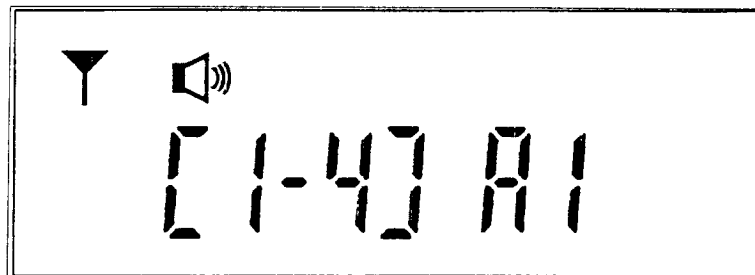
time, if a message with 13 digits or longer is received, continuity indication is displayed.

② Reading the Stored Message



< Receive Waiting State >

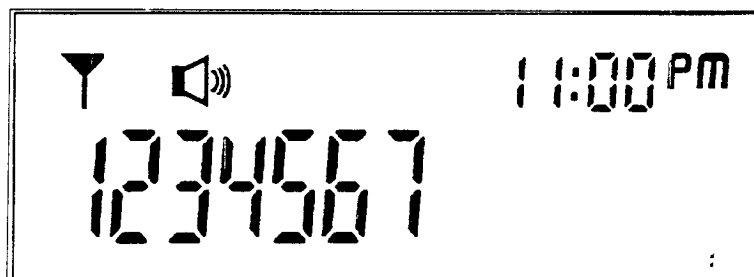
↓ Press the read button.



1 : This means the first message.

4 : This means the total number of messages received.

A1 : This means the address of receiving message

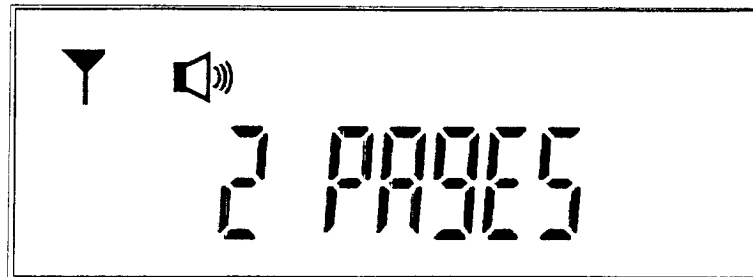


The message is displayed.

The next message is displayed sequentially whenever pressing the read button once. In case there are no more data received, the state is changed into the receive waiting state.

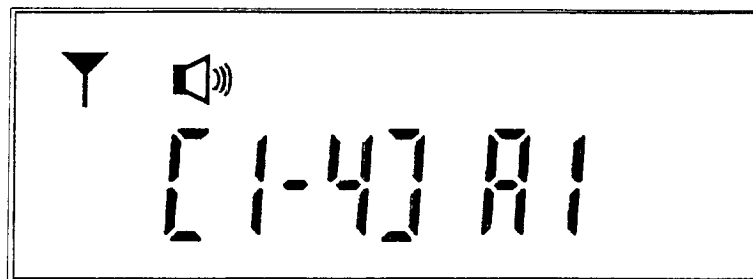
③ Reading the Messages Not Read

In case there are messages not read, the following is displayed on the screen.



Display the total number of messages not read.

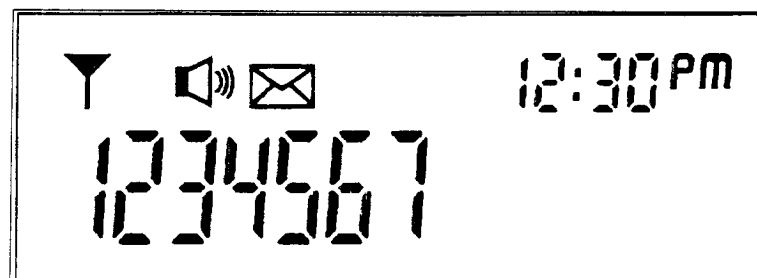
↓ Press the read button



1 : This means the first message.

4 : This means the total number of messages received.

A1 : This means the address of receiving message



The message is displayed

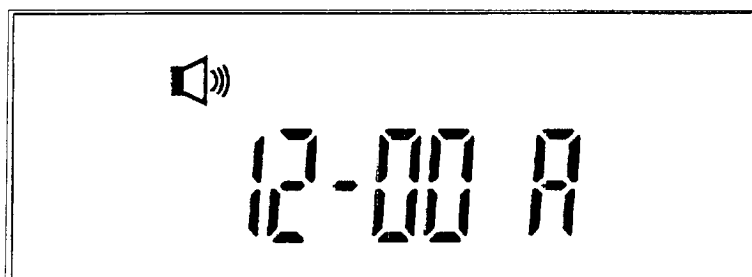
- * The next message not read is displayed when pressing the read button after reading the current message.
- * In case the power that has been turned off, while the messages not read exit, is turned on, it is indicated that there are the messages not read.

6) MEMORY CAPACITY

This receiver stores a total of 16 telephone numbers. Since the messages are deleted sequentially with the first memorized message, important telephone numbers can be prevented from being deleted by protecting them beforehand, when all the telephone numbers are stored and new messages are received.

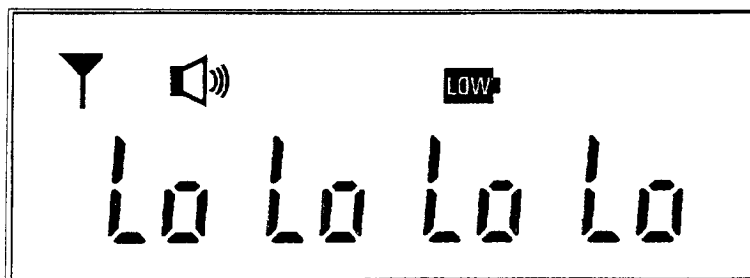
7) ERASING SIGNAL RECEIVING AREA DISPLAY

In case the receiver goes out of the receiving area for 4 minutes or longer, the "▼" indicate on the screen disappears as follows. During this state, the message receive is impossible.



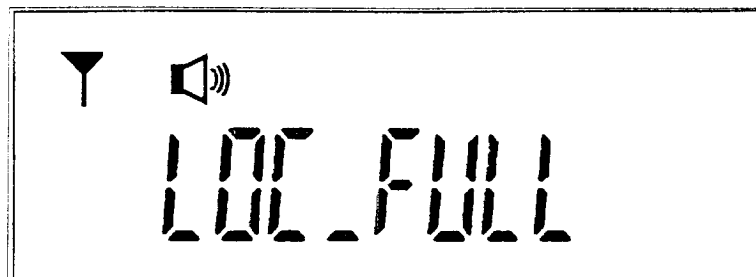
8) DISPLAYING LOW VOLTAGE

In case the battery capacity falls below a tolerance value, the receiver displays low voltage on the screen as follows and at the same time low voltage alarm tone is activated.



9) PROTECTION AND RELEASING OF RECEIVED MESSAGE

A maximum of 12 messages can be protected in order to prevent the received message from being deleted when receiving a new message. The following is displayed during the message protection operation after 12 messages are protected.

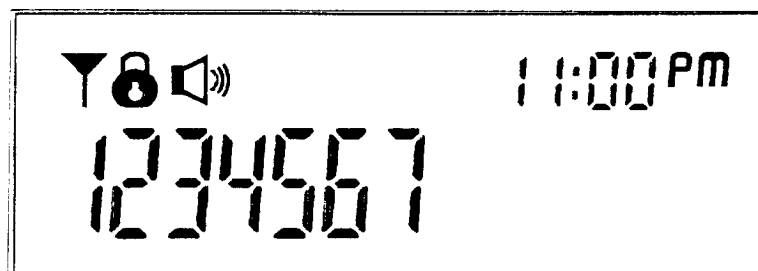


< All the 12 messages have been protected. >

* The user should be careful since the message is not protected without batteries.

① Message Protection

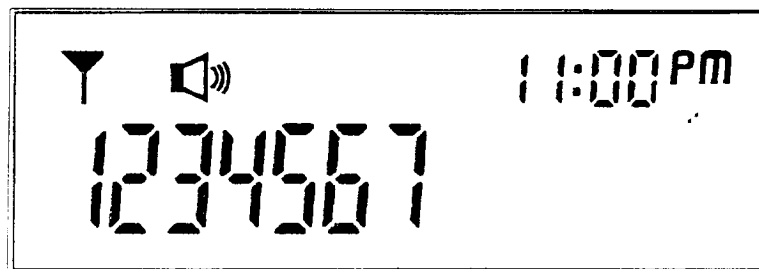
Select the message to be protected on the screen. Then, press the function button while pressing the read button, to display the "🔒" indication. This is used to indicate that the message on the screen is protected.



< Message Protection State >

② Message Releasing

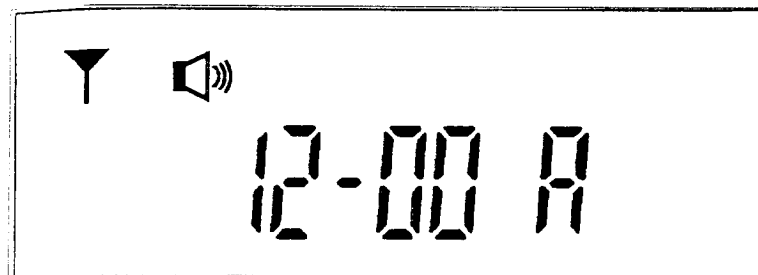
Select the message to be erased from the screen and then, press the function button while pressing the read button, then the "🔒" indication disappears. This is used to indicate that the message on the screen is released.



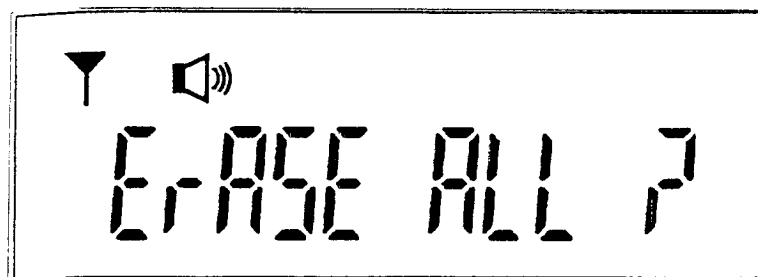
< Message Release State >

10) MESSAGE DELETION METHOD

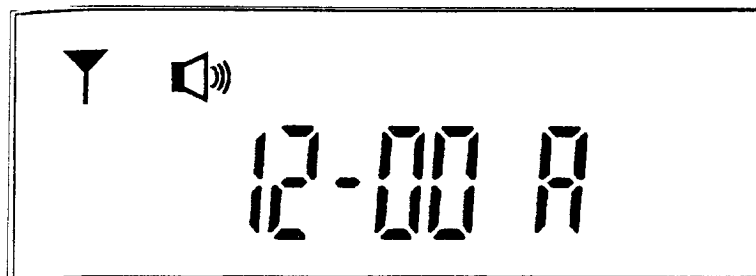
The method of deleting stored messages is as follows.



↓ Press the function button four times during the initial receive state.



↓ Press the read button.

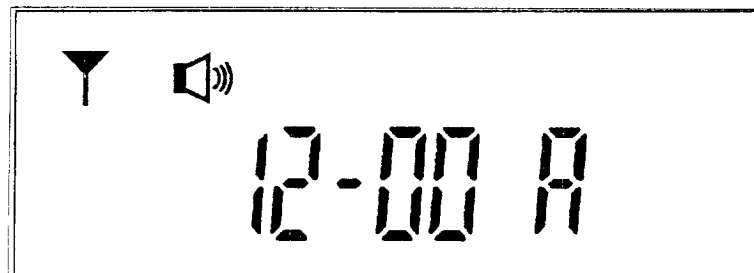


The state is changed into the initial receive state as all the message are deleted.

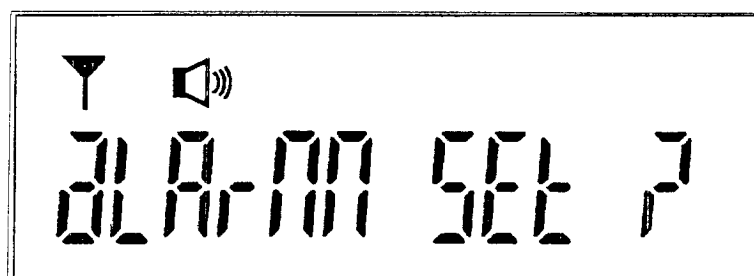
11) ALARM ADJUSTMENT METHOD

The alarm function is used to activated the alarm at the user desired time.

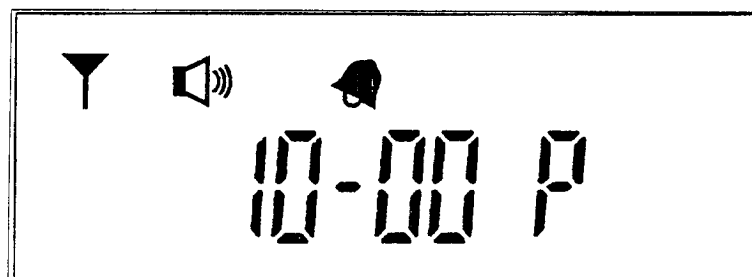
① Alarm Set-Up



↓ Press the function button two times in the initial receive state.



↓ Press the read button.



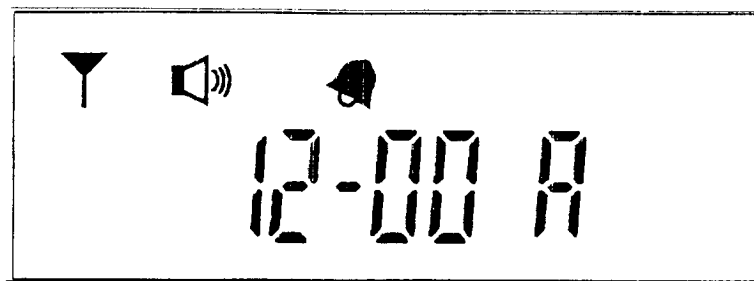
🔔 and "10" start to blink.

read button : time adjustment.

function button : Hour → Minute → AM/PM

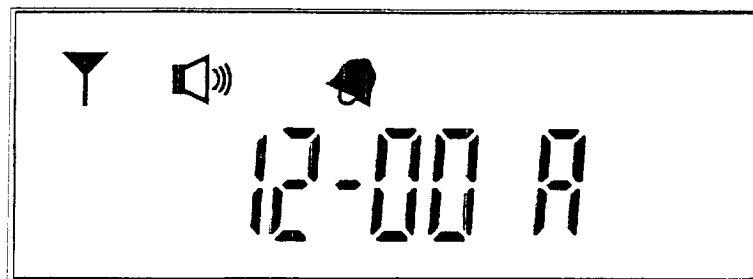
Press the function button after adjusting the changed time.

* In case time adjustment has not been made in this state, the display starts to blink for 8 seconds and then, the alarm is set up to the pre-set time.

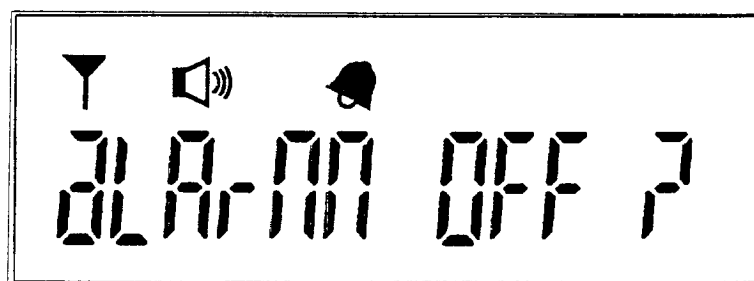


< Alarm set-up state >

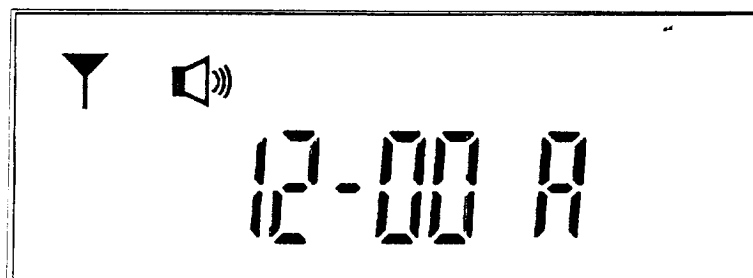
② Alarm Releasing



↓ Press the function button two times while the alarm has been set up.

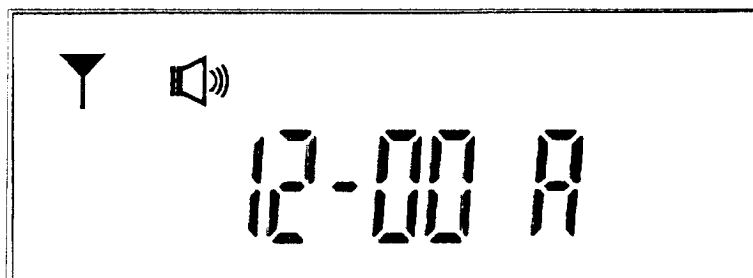


↓ Press the read button.

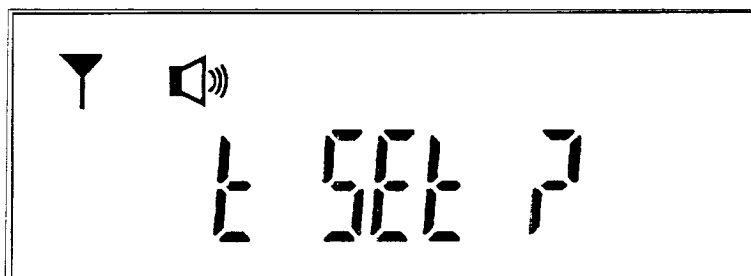


The state is changed into the initial screen as the alarm is released.

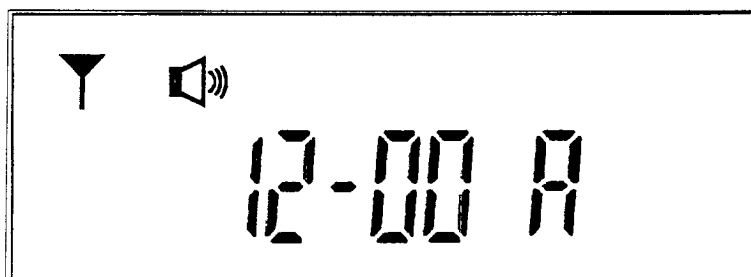
12) TIME ADJUSTMENT METHOD



↓ Press the function button five times in the initial receive state.



↓ Press the read button.



Current time : The display starts to blink at the "Hour".

read button : Time adjustment.

function button : Hour → Minute → AM/PM

Press the function button after changed time adjustment.

* In case time adjustment has not been made in this state, the display starts to blink for 8 seconds and then, the alarm is set up to the pre-set time.

6. REPLACING THE BATTERY

XENO *chic* is designed to use a single AAA alkaline battery. To replace the battery, do the following procedure.

- ① Slide the locking switch to the unlock position.
- ② Slide the battery cover to the right position.
- ③ Remove the old battery and insert a new battery in the direction shown on the battery compartment.
- ④ Slide the battery cover back on the pager and slide the battery lock switch to the locked position.