Pinpoint Advanced PITpager

Instructions for Use

Contents

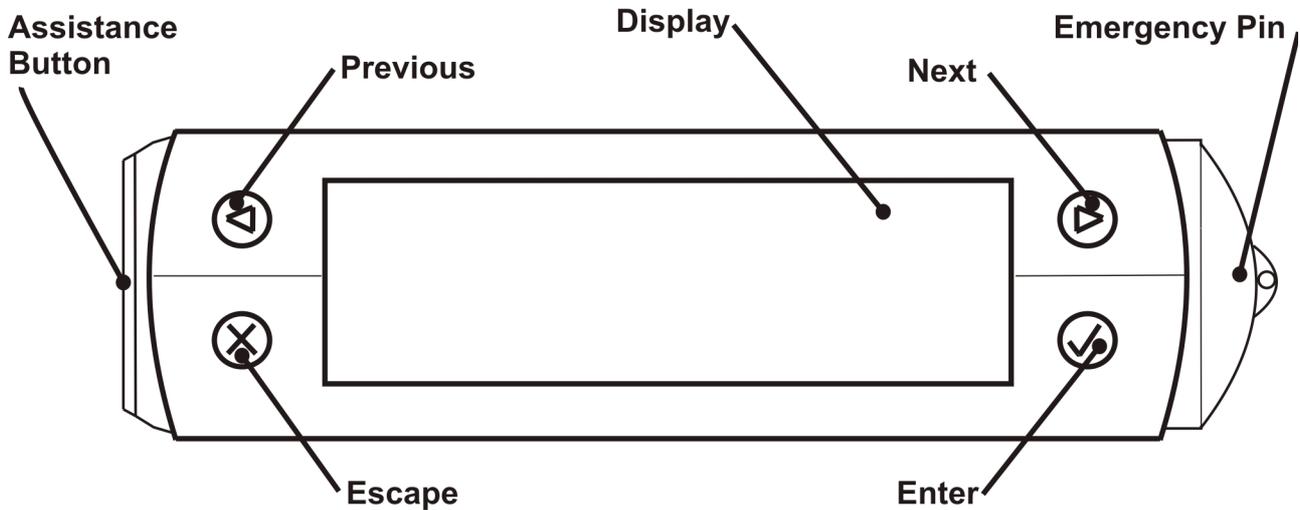# 1.0   Introduction

The Pinpoint PITpager is designed to operate with the Paging Transmitters installed with all Pinpoint and INSTANTalarm Staff Personal Alarm Systems. It provides the combined functions of a Personal Infrared Transmitter (PIT) and a portable Display Pager.

2.0 Overview

2.1 Buttons and Controls :

- **Emergency Pin:** Pull the emergency pin to activate the emergency alarm.
- **Assistance Button:** Press the assistance button to activate the assistance alarm.

  Alternatively, this button may have been factory-programmed to activate an emergency alarm or to test/reset a Receiver Unit. Check with your Purchasing or Projects Department for clarification whether this is the case.
- **Enter:** Press to turn unit on, show time/date and messages.
- **Escape:** Press to return to standby and access menu.
- **Next:** Read the next message.
- **Previous:** Read the previous message.
- **Display:** Message display.

2.2 Notification Icons:
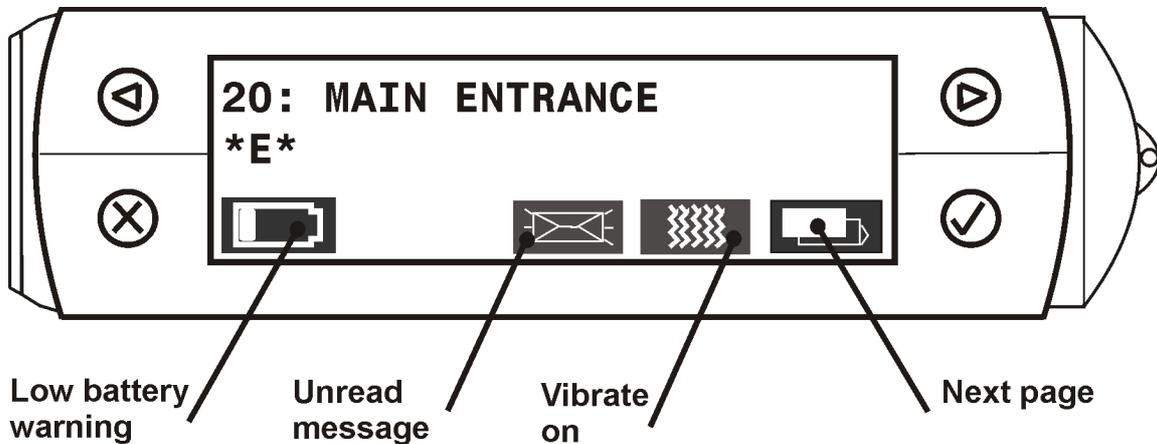
Low battery warning:

Indicates that the battery is running low. There are two levels of warning.

Level 1: The battery is approaching its end-of-life and will soon require replacement. The notification icon **flashes** continuously and a beep **sounds** every **15 minutes**.

Level 2 The battery must be replaced immediately. Failure to do so may mean that neither the PIT nor the pager functions will operate. The notification icon **flashes** continuously and a beep **sounds** every **30 seconds**.

Unread message:

A paging message has been received but is yet to be acknowledged by the user. The icon will disappear once all unacknowledged messages have been displayed or after two minutes, whichever is sooner. The icon will reappear, if there are unread messages, when the PITpager becomes active again.

Vibrate on:

Indicates that the vibrate option has been switched on. See **Section 4.1** on page 9 for details about vibrate settings.

Next page:

Notifies the user, when displaying a message, that there is a further page of text. The next page may be displayed by pressing the **Enter** button.

3.0   Pager Functions

The PITpager has been pre-programmed to the correct paging frequency, baud rate and group code(s) for use with the Paging Transmitter(s) installed as part of your Pinpoint or INSTANTalarm Staff Personal Alarm System. It may be programmed to receive paging messages with up to six group codes. It has a rolling, message queue of the last twenty messages. A queue of sixty messages is an option.

3.1   Turn the PITpager on

Press and hold the **Enter** button. After a couple of seconds the word "PINPOINT" will appear on the Display. After a further pause, the time and date will appear. The PITpager is turned on.

To turn the PITpager off see **Section 4.2** on page 9.

3.2   Return to standby

When no buttons are pressed for ten seconds, the PITpager will go into standby mode. The Display will go blank.

You may force the PITpager into standby mode by:

When the time and date is being displayed, press the **Escape** button once. When a message is being displayed, press the **Escape** button twice.

When in standby mode the PITpager will continue to receive messages and the PIT emergency and assistance alarms are fully functional.

3.3   Display the time and date

From standby, briefly press either the **Enter** button or the **Escape** button. The time and date will be displayed.
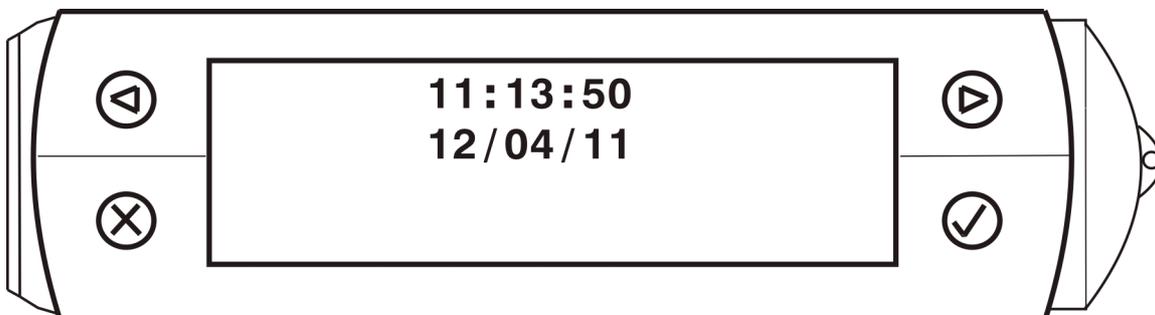
3.4 Receive a paging message

When a new paging message is received, the tone and/or vibration alert and the backlight will activate; the display will show the message text and the level of call (***E*** for Emergency, **-A-** for Assistance, **-P-** for Patient Call or ***M*** for Medical Emergency, if installed). The unread message notification icon appears on the display and continues to flash for two minutes until the new message is acknowledged. There is a beep after one minute to remind you. To acknowledge the new message press the **Enter** button. If any message remains unacknowledged, the unread message icon will flash for two minutes until either all unacknowledged messages are read by the user or the PITpager goes into standby mode. The unread message icon will reappear whenever the PITpager is activated if there are any unacknowledged messages. **You are advised to acknowledge all messages.**
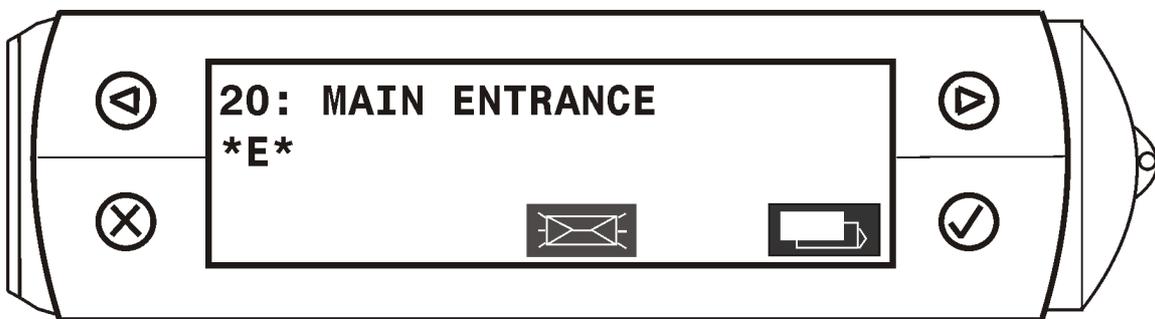
3.5 Display the next page of a message

Press the **Enter** button again. The next page of the current message will be displayed. The date and time stamp of the current message is always displayed on the next page.
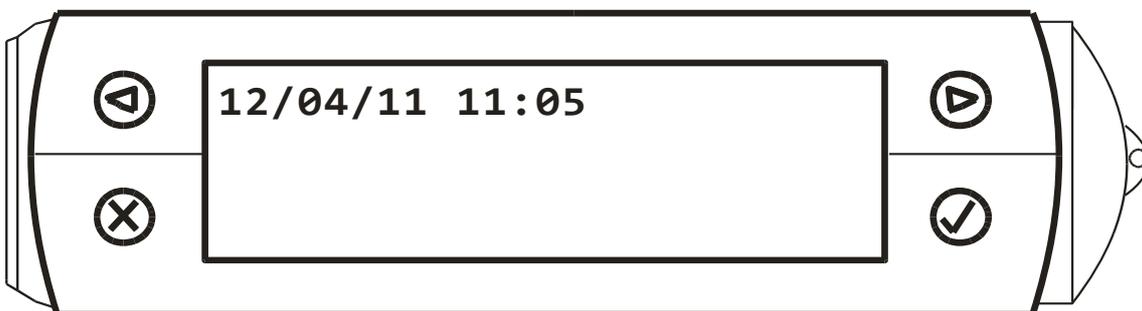
When displaying the last page of a message, pressing the **Enter** button again will return to the first page of the current message.
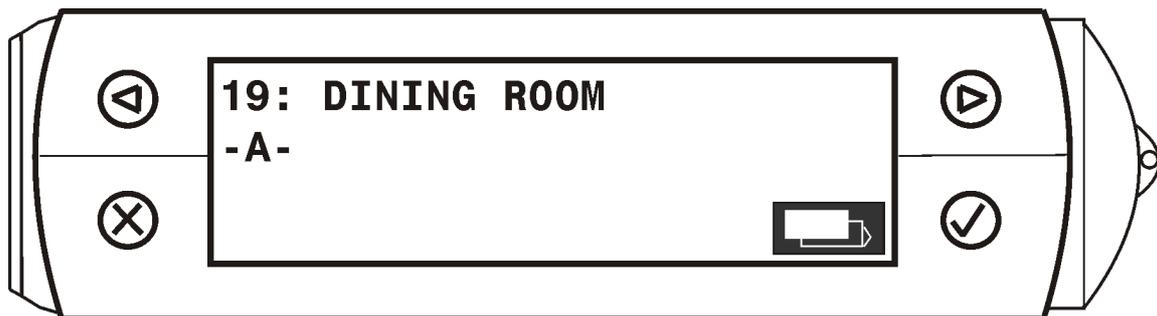
3.6 Display the last message

From standby, press the **Enter** button twice. The last message received will be displayed.

3.7 Display older/newer messages

Follow the instructions for displaying the last message.

To display older messages, press the **Previous** button. Repeatedly pressing the **Previous** button will display progressively older messages stored in the message queue. The number before the message indicates the position in the message queue of the message being displayed.

After viewing a previous message, pressing the **Next** button will display the next message in the message queue.

3.8 Turn on the display backlight

The display back light may be turned on by pressing and holding the **Enter** button. It will remain lit for ten seconds then turn off.

4.0   Main Menu

The Main Menu may be accessed from the **time and date** display by pressing and holding the **Escape** button. The Main Menu comprises the following items:

- **SET ALERT:** Sets the audible alert tone frequency and vibration on/off.
- **TURN OFF:** To turn the unit off.
- **SET DATE:** Sets the date and time.

To switch between the menu items press either the **Previous** or the **Next** button.

To select a menu item press the **Enter** button.

To exit from the Main Menu and return to the time and date display, press the **Escape** button.

4.1   Set the alert tone and/or switch vibrate on/off

Selecting the **SET ALERT** menu item allows the user to alter the audible alert tone and/or switch the vibration alert on or off. Use the **Previous** and **Next** buttons to make the selection. The options are:

- **TONE 1:** Low frequency tone only.
- **TONE 2:** High frequency tone only.
- **VIBRATE:** Vibrate only.
- **TONE 1 + VIBRATE:** Low frequency tone and vibrate.
- **TONE 2 + VIBRATE:** High frequency tone and vibrate.

Once the required selection has been made, press the **Enter** button to accept and return to the Main Menu. Press **Escape** to exit from the Main Menu and return to the time and date display.

Note: Selecting a vibrate option will reduce battery life.

4.2   Turn the paging receiver off

Select **TURN OFF** from the menu. Press the **Enter** button. "CONFIRM TURN OFF" will be displayed. Press **Enter** to confirm. Paging functions are now off.

When the paging function is turned off, the PITpager cannot receive or display paging messages. **It is fully functional as a PIT**, however, and the Assistance and Emergency functions still operate as normal.

Turning the unit off when paging functions are not required will save battery power and we recommend that you do this.

4.3 Set the current date and time

Select **SET DATE** from the menu. New values are entered by pressing either the **Previous** or the **Next** buttons. Move from the Day, Month, Year, Hour and Minute by pressing the **Enter** button. A selected value will be highlighted by flashing text. Pressing the **Enter** button again when the Minute is highlighted will return to the Main Menu. Press **Escape** to exit from the Main Menu and return to the time and date display.

5.0 Personal Infrared Transmitter (PIT) Functions

The PIT functions of the PITpager are the same as those of a PIT. Like the PIT, the PITpager is designed to be worn by the user, clipped to their belt or attached to the clothing in some other way. In an emergency situation, pull the PITpager away from its retaining pin. This will activate the emergency alarm.

There is also a button on the base, which may be used on twin-code systems to provide an assistance level call. Alternatively, this button may have been factory-programmed to activate an emergency alarm or to test/reset a Receiver Unit. Check with your Purchasing or Projects Department for clarification whether this is the case.

During activation of the Emergency or the Assistance alarms the display of the PITpager will go blank and the paging receiver will not operate as full priority goes to transmitting the infrared alarm signal. Once the alarm is ceased by re-inserting the Emergency Pin or by releasing the Assistance button, the paging receiver will return to the pre-alarm mode (off or standby).

After an alarm has been triggered by the user, a check should be made to ensure that the battery has not been overly depleted. The alarm transmission makes a high power demand of the battery and an already low battery may be exhausted by the operation of the alarm. After re-inserting the Emergency Pin or releasing the Assistance button, always check that the battery-low, warning notification icon is not showing. If it is, then replace the battery.

6.0   Battery Replacement

The PITpager battery **must** be replaced whenever the battery low warning notification icon is showing. The replacement battery **must** be a single, high-capacity, non-rechargeable, AA cell. Pinpoint recommends the Duracell Ultra Lithium AA / FR6 (LF1500), 1.5V. or Duracell Ultra AA / LR6 (MX1500), 1.5V.

Exhausted batteries should be disposed of according to national and local authority guidelines.

To replace the battery:

1. Using a suitable screwdriver (Pozidriv or similar), remove the two retaining screws from the cover of the battery compartment and set them carefully aside.

2. Remove the cover of the battery compartment and set it carefully aside.

3. Locate the battery release tape and pull to release the battery.

4. Insert the new battery into the battery compartment, noting the orientation. Ensure the new battery is fitted with the positive terminal located at the positive end of the battery compartment indicated by the printed '+' sign.

Important: Ensure the new battery is fitted **over** the battery release tape to allow easy removal the next time.

5. Replace the battery cover and secure with the two retaining screws.

Always check the PITpager alarm function after replacing the battery. This is most easily accomplished in a Pinpoint Transmitter Test Station.

7.0   Guarantee, Repairs and Assistance

Your PITpager is guaranteed against defective parts and workmanship only, for a period of 12 months. Should it become faulty for any other reason or after the guarantee period has expired, there may be a charge.

The PITpager should be returned to Pinpoint for repair. In the U.K., please return to the Pinpoint Limited (Head Office) address. In the Republic of Ireland, to the Dublin address and in the U.S.A., to the Pinpoint, Inc. address in Birmingham, AL.

For assistance of any kind, please contact your local Pinpoint office.

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