



Alert-iT Pager

User Manual

This document applies to;

Model: **P202 (4-Channel & 128-Channel Medical Pager)**

Product Version: **v1 & v2**

Firmware: **v1.1.***

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1 INTRODUCTION

These ‘instructions for use’ describe the use of the Alert-iT **“Pager”**.

The **“Product Version(s)”** these instructions apply to are shown on the front page of this document. This should be referred to and compared against the **“Product Version”** number shown on the product information sticker found on the top of your device. If this document is not suitable for your product please refer to the ‘support’ section of our website for alternative instructions.

- Follow all instructions provided in this document concerning the initial setup, use, cleaning and disposal of the device.
- The **“Pager”** is a medical device accessory.

1.1 Product Description

The **“Pager”** is used to alert caregivers to alarm and fault notifications from paired monitors and transmitters.

This user manual assumes the pager has been configured prior to use by a manager / primary carer to work with all the monitors in your “home” or “care facility” and has the correct operational protocol enabled. This book gives details of a variety of standard protocols that may be relevant as well as more general control features accessible to the two levels of user.

Caregivers are notified by visual, audible and vibration alerts (if enabled).

Operating environment is typically a bedroom at a family home or at a care facility.

1.2 Intended Use

The Alert-iT Pager is intended to assist in caregiving by notifying the carer to attend the patient in order the verify their well-being.

1.3 Indications for Use

This device is designed and manufactured as a social aid intended only to be used as an aid for a caregiver.

Intended to improve the vigilance of caregivers to the distressing side-effects of various ailments and individual care needs. The system does not monitor vital physiological processes and should not be expected to diagnose any disease or predict the onset of any symptoms.

1.4 Intended Users and Use Environment

The product is intended to be used as an aid to care givers. The user may be a layperson or health care professional.

The product is intended to be used in a variety of settings, including home and professional care settings.

1.5 Intended Patient Population

The use of the product is not restricted to any specific patient group.

1.6 Contraindications

There are no contraindications.

1.7 Device Lifetime

The typical expected life of the Pager in normal home use is “**5 years**”.

Replace the Pager after this or earlier, if;

1. otherwise instructed; or
2. if any damage to the device is observed.

See “**page 18**” for recycling guidance. If any cracks or structural damage is observed, cease the use and replace the Pager immediately.

2 SAFETY

2.1 Important Information

Before you use the product, read and understand the contents of this user manual.

2.2 Safety Definitions



WARNING: Risk of serious injury if the instructions are not followed.



CAUTION: Risk of damage to the product if the instructions are not followed.



NOTE: Information that is necessary in a given situation.

2.3 Serious Incidents

Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the member state of the European Union/country in which the user and/or patient is established.

‘Serious Incident’ means any incident that directly or indirectly led, might have led or might lead to any of the following;

- the death of a patient, user or other person
- the temporary or permanent serious deterioration of a patient’s, user’s or other person’s state of health
- a serious public health threat.

Manufacturer’s contact information can be found on the back page of this document.

2.4 Conformance with requirements for medical devices

The Alert-iT Medical Pager is marketed as a technical aid for caregivers. It complies with all necessary requirements, regulations and directives for medical devices.

2.5 Unintended adjustment of settings

Changing the radio address (without also changing it on the receiving equipment) will result in a RF Fail notification on the receiving equipment and any resulting alarm notifications will no longer be received.

2.6 Product Liability

This Alert-iT product has been designed with due regard to reliability and integrity. While it offers a highly vigilant alerting method, it is always possible that a distress condition can go undetected for a variety of reasons (including malfunction) and in life threatening situations it is advisable to use the Alert-iT system in conjunction with additional techniques. Neither the manufacturer nor its agent can accept legal responsibility to provide a system that is infallible.

The product is developed and risk-assessed according to ISO 14971. The manual and the technical specifications are made according to the safety assessments in the risk analysis. Always consider the safety when using the product. Alert-iT does not take responsibility for any consequences following incorrect use or installation of the product. Any form of damage or tampering with the product invalidates the warranty and disclaims the manufacturers liability. The estimated lifetime of the product applies when used in accordance with its intended use and maintenance instructions.

2.7 Safety Precautions



WARNING:

- If an external force breaks the AC adapter and parts remain in the socket, it can result in electric shock.
- Ensure that the power lead is routed and secured to avoid the risk of trips, entanglement or strangulation.
- The caregiver must never clear an alarm without checking the patient's condition.



WARNING: According to 60601-1-2 EMC

- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Alert-iT Pager, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.



WARNING: According to 60601-1 Safety

- No modification of this equipment is allowed.



CAUTION:

- Do not use if the pager or monitors are broken.
- Do not use the equipment in strong electromagnetic fields.
- Do not use the product in environments with flammable anaesthetic mixtures, oxygen or nitrous oxide.
- Unplug the power supply before cleaning.
- Only use the pager with accessories approved for use and only in accordance with instructions.
- Do not try to repair the device yourself.
- Remove the batteries when the device is not in use or when it is stored for an extended period.
- Do not use non-rechargeable batteries. Alkaline batteries carry the risk of overheating and ruining the device.

① NOTE:

- This device is only intended to be used as an aid by caregivers. The product must not replace human supervision.
- Make sure the instructions for use cover the device being used, i.e. the same part number stated on the front page.
- The device should only be used by knowledgeable caregivers and shall not be used by operators that do not understand the content in this manual.
- The caregiver is responsible for assessing the risks of using this equipment and any settings pertaining to it.
- To charge the pagers batteries the pager must be connected to a 5V USB power supply capable of supplying a minimum of 500mA.
- Do not use this device for any purpose other than that specified by the manufacturer.
- Adjusting the volume may lead to the notification sound not being heard.
- Always test the device before using it and when the settings are adjusted.
- Regularly test the device as described in these instructions for use. Ensuring by testing, that the alarm notifications are received at the caregiver's location(s). See **page 19**.
- A risk assessment must be conducted to determine if the level of reliability offered by the system is sufficient or if additional equipment is needed. Consideration shall be given to the patient's likelihood of tampering with the system.
- No maintenance of the product is allowed during use.
- Clean and disinfect each item as needed in accordance with information on **page 18**.
- Some accessories are fitted with small screws and have plastic bags. Ensure these do not come into the possession of vulnerable people who may choke on them.
- As with all electronic equipment there is potential for the equipment to interfere with or be affected by interference from other electrical or electronic devices. For this reason avoid placing the device, sensor or connecting cable(s) in close proximity to sensitive electronic devices or devices which produce strong electromagnetic fields such as radio transmitters, mobile phones or power cables.
- To maintain basic safety and essential performance with regard to electromagnetic disturbances for the expected service life, no instructions are required.

2.8 Consultation with a healthcare professional

Call emergency services where immediate medical attention is required.

It is important to consult a healthcare professional:

- if you are unsure whether the device (or compatible monitor) is suitable for the patient's condition.
- if the patient experiences differences in their symptoms, for example symptom type or duration.

2.9 Explanation of the markings used on the device and in the documentation

	Refer to these instructions before use.
	This is a Medical Device.
	Unique Device Identification.
	Batch Code.
	Serial Number.
	Catalogue Number
	Manufacturer.
	Date of Manufacture.
	Authorized representative in the European Union.
	Keep Dry.
	Fragile, handle with care.
	Temperature Limitation.
	Humidity Limitation.
	Atmospheric Pressure Limitation.
IP64	Indicates the level of Ingress Protection for the device.
	Direct Current.
	Caution : Consult safety information in these instructions for use.
	Consult instructions for use. Refer to instructions for use.
	CE Mark. (the product conforms with the general safety and performance requirements of the Medical Device Regulations (EU) 2017/745).
	UKCA Mark. (the product conforms with the essential requirements of the UK Medical Device Regulations 2002).
	Symbol of the European Waste Electrical and Electronic Equipment Directive (WEEE Directive) 2019/19/EU on waste electrical and electronic equipment.
RoHS	Indicates that the product is in compliance with the European directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (commonly referred to as the Restriction of Hazardous Substances Directive or RoHS).
	Importer Information.

3 PACKAGE CONTENTS

Your package will contain the following:

1x Alert-iT Pager	[Part #: P202]
2x AAA Rechargeable Batteries [Ni-MH 1.2V] (Fitted)	[Part #: P160G]
1x Belt Clip	[Part #: P204A]
1x Lanyard	[Part #: P204B]
1x 5V USB Charger (Includes 1.5m USB Type-C Cable)	[Part #: P167*B]

3.1 Compatible Products

The pager is compatible with all of Alert-iT's Safelink™ Radio monitors and transmitters.

Note: For additional information please contact your equipment provider.

4 SYSTEM OVERVIEW

4.1 Alert-iT Pager



4.2 Status Lights

Power Status: Flashing Green = Charging. Solid Green = Fully Charged. Flashing Red = Battery Critical.
Solid Red = Charging Fault (*see section 4.3).

Monitor Status: Flashing Yellow = Fault/Low/Medium Priority Alarm. Flashing Red = High Priority Alarm.

Pager Status: Flashing Yellow = Radio Connection Fault. Flashing Red = Active Assistance or Help Call.

4.3 Charging Faults

The pager will indicate if there is a charging issue. For example if the pager is charged with no batteries fitted.

Note: If the pager has been left for an extended period and the batteries have discharged completely flat, the pager may indicate a fault when the charger is inserted. Leaving the charger plugged in for 30minutes then removing and reinserting the charger is usually sufficient to restart charging correctly.

4.4 Pager Features

The Alert-iT Pager is designed especially for home and professional care settings.

The specific features for this are;

- Large backlit screen with detailed alarm indications.
- Cancel at source for total compliance with duty of care.
- Long radio range.
- Long battery life to cover over 24 hours continuous use on one charge.
- Three alarm severity levels (plus fault indication).
- Configurable for individual or group use.
- Audible tones with adjustable volume indicating severity level.
- Easy reprogramming of monitor name and location.

In normal use all caregivers have a very simple protocol:

- The pager will indicate the location and severity level of an alarm.
- The indication may be accompanied by an audible alert and/or vibration.
- The caregiver can temporarily silence the sound/vibration with one key press.
- The caregiver attends to the patient and reset the alarm in their room.
- The pager automatically resets itself.

There are some very simple basic parameters the caregiver can change, depending on the level authorised by the supervisor.

All users can:

- Reset alarms that may have become stuck if the monitor is damaged or no longer on site.

If permitted users can:

- Change basic interface features such as screen brightness and key beeps.
- Toggle between “standard” and “discrete” volume and vibration settings.
- Add, remove and edit paired monitors.

By default; users can **“Turn Off”** the pager, but cannot **“Manage Monitors”**.

Note:

The ability to turn off the pager can be hidden from the “User” settings menu via the “Advanced” > “Further Settings” > “User” screen, by setting “Turn Off” to “Deny”.

The ability to manage paired monitors can be hidden from the “User” settings menu via the “Advanced” > “Further Settings” > “User” screen, by setting “Manage Monitors” to “Hide”.

4.5 Alarm Notifications

Upon receiving an alarm notification, the pager will play an audible alarm tone and/or vibrate. The screen will wake up automatically and will display the reason for the alarm.

The Alarm Notification will display:

- Name of the monitor.
- Location of the monitor.
- The type of monitor that sent the alarm.
- The alarm condition the monitor has detected.
- Elapsed time since the pager received the alarm.

Alarms notifications are ranked by priority so if multiple alarms are active, higher priority alarms will be shown over lower priority alerts.

Alarm priority is indicated by the colour of the alarms border:

- High Priority = Red Border.
- Medium Priority = Orange Border.
- Low Priority = Yellow Border.
- Fault = Grey Border.

Pending alarm notifications can either be **“Accepted”** or **“Snoozed”**.

Note¹: “Accepting” an alarm will silence the alarm on any other pagers paired to that monitor.

Note²: If the pager is only paired to one monitor, there will not be an option to “Snooze” any alerts.

Selecting either **“Accept”** or **“Snooze”** will silence the alert for **“5 Minutes”**.

Note³: This period can be adjusted in the settings menu.

128 channel pagers only:

If **“Allow User to raise “Assistance Call”** has been enabled in the advanced settings menu, selecting **“Accept”** will then allow the user to call for further assistance by pressing the **“Assist”** button. This will alert other pagers that further assistance is required.

4.6 Resetting Alarms

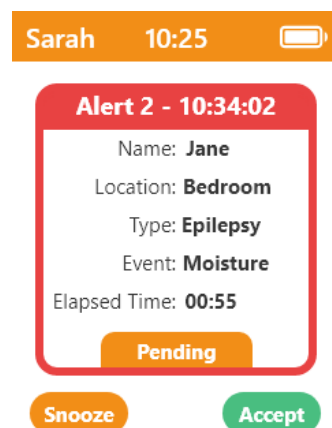
Alert-iT’s monitors are typically **“Cancel at Source”**. This means that the user needs to attend to the patient’s location in order to reset the monitor to clear the alarm from the pager.

4.7 Duration of Alarms

The alarm notification on the pager displays the **“Duration”** since the alarm was received by the pager.

It is often useful to know how long the patient has been in a distressed state. Upon resetting the alarm at the monitor, the alarm notification is cleared from the pager screen, the duration timer is stopped and the event is written to the alarm history log.

Therefore, if it is desired to know how long the alarm condition is active for, the user should not reset the alarm when they attend. Instead they should silence the alarm on their pager by pressing the **“Accept”** button, attend to the patient, check the patient’s condition, then make note of the **“Elapsed Time”** once the alarm condition ends before resetting the monitor.



4.8 Using “Standard” and “Discrete” Mode

The pager can be toggled between a “Standard”  and a “Discrete”  mode on the home screen via the soft key next to the icon. This quickly switches between two configurable volume and vibration settings.

4.9 Failsafe Radio

Many of Alert-iT’s safety critical monitors have a feature called “**Securelink**” enabled.

In this mode, the monitor transmits a regular radio transmission to form a failsafe ‘heartbeat’ that allows any receiving equipment to notify the caregiver if they are out of range or if the device has failed due to any reason.

If the pager is paired to a “**Securelink**” enabled monitor, it will raise a “**Radio Connection**” fault if it has not received any radio transmissions for **2 minutes**.

This fault is typically triggered by:

- The pager being out of range of the transmitter.
- The transmitter has been turned off.
- The transmitter has a fault and is not working correctly.

If radio range is an issue, radio repeaters can be used to extend the radio range of the system.

Multiple radio repeaters can be “daisy-chained” to extend the range even further.

5 INITIAL SETUP

5.1 Using the Belt Clip and Lanyard

The pager is provided with a detachable belt clip and lanyard that can be used to attach the pager to the users clothing.



5.2 Charging

The pager should be charged before initial use.

The pager can be charged with a USB Type-C charger.

Typical charge time is 2-3 hours.

Note: Some USB ports cannot supply sufficient power to charge the pager. The pager must be connected to a USB charger capable of supplying at least 500mA. The pager will automatically detect and prevent charging if connected to a port that is not capable of this.

5.3 Range Testing

It is essential to check that all the monitors are capable of reaching the pager with their radio. In health critical situations the monitor should be configured to operate in Securelink (Failsafe) mode. See the individual monitor instructions on how to enable this.

6 BASIC FUNCTIONS

6.1 Turning the Pager On

To turn the pager on:

- Hold any button for 3 seconds.

On power-up, the pager screen will display the software version, number of channels and radio band for 10 seconds.

*Note: If the batteries are removed for an extended period, the time and date will be lost. All logging features will be suspended until the time and date is set again via the “**Advanced settings**” menu.*

6.2 Waking up the Screen

To save power, the display turns off after a short period of inactivity.

To wake the screen up:

- Briefly press **any** button to wake the display.

Note: The display timeout can be adjusted in the advanced settings menu.

6.3 Turning the Pager Off

To turn the pager off:

- Wake the screen by briefly pressing **any** button.
- Press the left selection button to enter the settings menu.
- Use the keypad to select “**User Settings**” or “**Advanced Settings**”.
- Scroll down until you see “**Turn Off Pager**”.
- Press the right selection button to turn the pager off.

*Note: The ability to turn off the pager can be hidden from the “**User**” settings menu via the “**Advanced**” > “**Further Settings**” > “**User**” screen, by setting “**Turn Off**” to “**Deny**”.*

6.4 Responding to Alarm Notifications

Upon receiving an alarm notification, the pager will play an audible alarm tone and/or vibrate. The screen will wake up automatically and will display the reason for the alarm.

To silence the alarm, the user must press the “**Accept**” button if they are going to attend to the user. Or press the “**Snooze**” button if they are busy with another alarm or someone else is attending.

*Note: If there is only one monitor paired to the pager, the “**Snooze**” button will be hidden.*

7 ADDITIONAL FUNCTIONS

7.1 Resetting Alarms from Inaccessible Monitors

If a monitor's **"Reset"** button cannot be accessed to clear an alarm, or because a paired monitor has been turned off and is configured to send the **"Monitor Off"** fault. You can clear all active alarms by:

- Press the left selection button to enter the menu.
- Select **"User Settings"** or **"Advanced Settings"**.
- Use the keypad to scroll down until you see **"Reset All Alarms"**.
- Press the left selection button to clear any active alarms from the pager.

Note: If the monitor is still turned on and in an alarm state, the pager will re-alarm within ~2 minutes for non-securelink devices or ~10 seconds for securelink enabled devices.

7.2 Pager to Pager Comms (Only available on 128 Channel Pager)

The pager is able to communicate the acceptance of alarm calls to other pagers in range.

To enable:

- Browse to **"Advanced Settings > Pager Settings"**. Set each pager to a unique **"Pager Address"**.

Once enabled, if a user presses **"Accept"**, all other pagers will display **"Accepted"** under the alarm.

7.3 Assistance Calls (Only available on 128 Channel Pager)

In environments with multiple pagers, you can allow the user to call for assistance if they require further assistance with a particular alert.

Note: Other pagers will only receive this assistance alert, along with the location of that monitor if their pager is also paired to the same monitor.

To enable:

- Browse to **"Advanced Settings > Further Settings"**. Set **"Call for Assistance"** to **"Allow"**.
- Browse to **"Advanced Settings > Pager Settings"**. Set each pager to a unique **"Pager Address"**.

Once enabled, the user can raise an assistance call by:

- Pressing **"Accept"** on an alert.
- Then pressing **"Assist"** on the alert.

To cancel:

- Press the **"Accept"** button.

7.4 Help Calls (Only available on 128 Channel Pager)

In environments with multiple pagers, you can allow the user to send a general **"help"** call to other pagers in the area.

Note: Help calls must also be enabled on all the other pagers you wish to receive the help call.

To enable:

- Browse to **"Advanced Settings > Further Settings"**. Set **"Call for Help"** to **"Allow"**.
- Browse to **"Advanced Settings > Pager Settings"**. Set each pager to a unique **"Pager Address"**.

Once enabled, the user can raise a help call by:

- Waking the screen by pressing any button.
- **Holding** the central **select button for 5 seconds**, then pressing the top right button to confirm.

To cancel the call:

- Press the **"Cancel"** button.

8 RECOMMENDED CONFIGURATIONS

Due to the wide variety of environments the pager is used in, it is essential that the manager / primary carer configure the pager appropriately for their environment.

The following section details typical environments and suggested settings that should be configured.

8.1 Domestic Property with Single Monitor

We recommend that you consider:

- Setting the time and date to enable logging features.
- Setting **"Allow Users to "Manage Monitors""** to **"On"**.

8.2 Small Care Site with Multiple Monitors and Single Pager

We recommend that you consider:

- Setting the time and date to enable logging features.
- Setting **"View Mode"** to **"New First"**.
- Setting **"Allow Users to "Manage Monitors""** to **"Off"**.
- Setting **"Allow Users to "Turn Off""** to **"Off"**.
- Change the default password to prevent access to the advanced settings menu.

8.3 Medium Care Site with Multiple Monitors and Multiple Pagers

We recommend that you consider:

- Setting the time and date to enable logging features.
- Setting **"View Mode"** to **"Priority"**.
- Only pairing the pager to monitors that user of this pager should respond to.
- Pairing the pager to monitors in a deactivated state (see **section 9.5**), so that assistance calls provide location information.
- Setting **"Allow Users to "Manage Monitors""** to **"Off"**.
- Setting **"Allow Users to "Turn Off""** to **"Off"**.
- Setting **"Allow Users to raise "Assistance Calls""** to **"On"**. **(Only available on 128 Channel Pager)**
- Setting **"Allow Users to raise "Help Calls""** to **"On"**. **(Only available on 128 Channel Pager)**
- Change the default password to prevent access to the advanced settings menu.

9 PAIRING MONITORS

9.1 Pairing Overview

The pager is typically pre-paired to the provided monitors when supplied as a system, however if additional monitors are required, or if you have a replacement pager, you will need to pair the monitor to the pager before use.

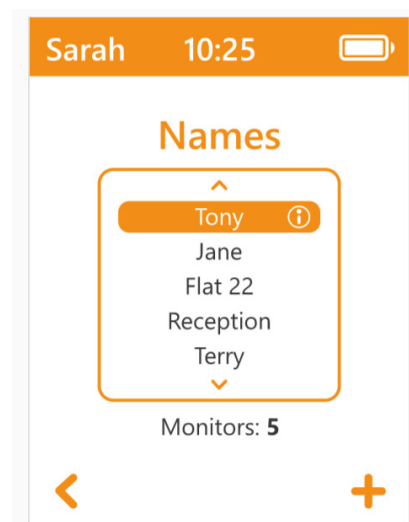
Monitors that are being turned off during the day to prevent nuisance alarms can be deactivated on the pager (see **section 9.5**).

9.2 Understanding Names and Locations

To provide an easier way to identify the source of the alarm, each monitor can be labelled with a **“Name”** and a **“Location”**.

You are free to decide how best to group monitors together, for example:

- For one user with multiple Monitors
 - Name:** John. **Location:** Bedroom.
 - Name:** John. **Location:** Living Room.
 - Name:** John. **Location:** Bathroom.
- For multiple users in one location:
 - Name:** John. **Location:** Lounge.
 - Name:** Jane. **Location:** Lounge.
- For monitors not assigned to users:
 - Name:** Fernie House. **Location:** Front Door.



9.3 Adding a New Monitor

- Select **“Manage Monitors”** from the menu.
- Press the **+** button.
- Enter a **“Name”**.
- Select the name from the **“Names”** list.
- Press the **+** button to add a monitor.
- Enter a **“Location”**.
- Enter the **“Radio address”**.
- Select the monitor **“Type”** from the drop down list.
- Press the **“Tick”** button to save the monitor.

9.4 Removing a Monitor

- Select **“Manage Monitors”** from the menu.
- Press the central button to select the **“Name”** of the monitor you wish to delete.
- Press the central button to select the **“Monitor”** you wish to delete.
- Press the **🗑️** button to remove the monitor.
- Press the **“Tick”** button to confirm.

9.5 Deactivating a Monitor

To temporarily stop using a monitor you can set the **“Alarm Status”** option for that monitor to **“Off”** **🔕** in the **“Manage Monitors”** menu.

10 BATTERY STATUS & SERVICE LIFE

The pager operates using 2x high quality AAA size 1.2V Ni-MH Rechargeable Batteries that should last several years before they need replacing.

Battery life will vary between 24 and 40 hours dependant on the features enabled, the frequency of alarms and how quickly alarms are responded to. The displays backlight is the most power hungry feature.

When the battery reaches a low state a **“Battery Low”** warning will be shown on the screen. The pager should be charged as soon as possible.

When the battery reaches a very low state a **“Battery Critical”** warning will be shown on the screen and an alert will sound every 10 seconds for 10 minutes. After 10 minutes of **“Battery Critical”** warnings the pager will complete an automatic shutdown process.

 When the **“Battery Level Critical”** warning appears, patient alarms will no longer be received and the pager should be charged immediately!

 When the **“Battery Level Critical”** warning appears, the pager should be left on charge for at least 2 hours to return the batteries to full charge.

 Disconnect any charging cables before opening the battery cover.

Note¹: The “time and date” will need to be reset if the batteries have been removed before any logging features will resume.

Note²: The “time and date” will also need to be reset if the batteries have been left in a critical state for longer than 1 to 2 weeks.

Refer to section 4.2 and 4.3 for pager behaviour when charging.

11 ADVANCED MENU > PAGER SETTINGS

The following section provides guidance on the settings contained in the **“Advanced”** > **“Pager Settings”** menu.

Brightness

This adjusts the screen brightness of the currently selected mode (Standard / Discrete). Note that higher brightness settings will reduce battery life.

Key Beep

This is an audible sound that is produced each time a button on the keypad is pressed in standard mode.

View Info

This screen displays basic information about the device and can be useful during support calls to identify the device and the software version it is running.

Pager Name

A pager name can be configured to help identify the pager. This name is displayed on the title bar of the main home screen. E.g. **“Day”**/ **“Night”** pager.

Date & Time

The pager features two logs: An **“Alarm and Fault”** history, and a **“System History”**.

Note: Logging requires the time and date to be set before logging can begin. If these logs are not required, the time and date does not need to be set.

Standard and Discrete Mode

You can adjust the volume and vibration setting for each of these modes here.

Snooze Timer

This setting configures how long the pager is silenced for when an alarm is accepted or snoozed.

Fault Snooze

This setting configures how long the pager is silenced for when a fault is dismissed.

Screen Timeout

This setting configures how long the screen stays on for. Increasing this setting will reduce battery life, especially in busy environments where there are frequent alarms.

View Mode

This option toggles between:

- **Priority:** Highest priority alarms are displayed on top.
- **New First:** Most recent alarms are displayed on top.

Password

The default advanced settings password is “1009”.

The password can be changed here if required.



A windows PC application is required to reset this password if it is forgotten.

12 CLEANING

You can wipe the pager with a damp cloth, neutral cleaning product or mild disinfectant.



Avoid getting any liquid into the USB connector, or sounder hole.



Always disconnect the charging cable before cleaning the device. Dry all parts well after cleaning.

13 LIABILITY OF THE MANUFACTURER

iTs Designs Ltd. (T/A Alert-iT Care Alarms) is liable to ensure the safety, reliability and performance of the device, provided that:

- the device is installed, used and cleaned in accordance with the instructions in these instructions for use.
- any changes to the device, maintenance and repairs are conducted by a person trained by Alert-iT or its representatives.
- any spare parts or accessories used have been approved by Alert-iT.

14 DISPOSAL OF THE DEVICE AFTER USE



In conformity with the Waste Electrical and Electronic Equipment Directive (WEEE Directive), the device must be collected separately and returned to an authorised collection facility. The owner must take the device to the waste collection point specified by local authorities.

For more information on how to dispose of the device, please contact the relevant authorities.

15 DECLARATIONS OF CONFORMITY

The manufacturer, iTs Designs Ltd., hereby declares that this product conforms with the relevant requirements of the Medical Device Regulations (EU) 2017/745 and the UK Medical Device Regulations 2002.

The manufacturer, iTs Designs Ltd., hereby declares that this product is in compliance with the Radio Equipment Regulations (UK) 2017 and the Radio Equipment Directive (2014/53/EU).

The full text of the EU declaration of conformity is available at the following Internet address;

www.alert-it.co.uk/support/

Electromagnetic Compliance

- Compliant to IEC 60601-1-2 clause 4.3, 7 and 8.
- Emission class IEC 55011: Class B.
- Immunity test level: 10V/M. Performance criteria: B.
- Emission limits and immunity test levels applied for IEC 60601-1-11 Home healthcare environment.

16 ROUTINE CHECKS

16.1 Daily Checks

Turned On

Wake the display and ensure the pager is turned on prior to starting your shift.

Battery Level

Ensure the battery has sufficient charge prior to starting your shift.

Normal / Discrete Mode

Ensure the pager is set to the correct mode prior to use.

16.2 Weekly Checks

Condition of the cables

Check the condition of the cables.

Alarm Activation

Ensure the alarm notifications are being received by the caregiver(s). Manually trigger an alarm if required.

17 RECONDITIONING THE DEVICE BEFORE REUSE

To return the pager to factory defaults, perform the following steps:

Step 1) Remove any paired monitors as described in section “**9.4 Removing a Monitor**”.

Step 2) Enter the advanced settings menu and select “**Clear History**”.

Step 3) Enter the advanced settings menu and select “**Reset Settings**”.

18 ALERT-IT LIMITED WARRANTY STATEMENT

In the unlikely event that your product needs guarantee service, please contact your provider, distributor or manufacturer. To avoid any unnecessary inconvenience on your part, we recommend you read these instructions for use carefully before seeking guarantee service.

YOUR GUARANTEE

By this Guarantee, Alert-iT guarantees the product to be free from defects in materials and workmanship at the date of original purchase for a period of three (3) years from that date.

If within the guarantee period the product is determined to be defective (at the date of original purchase) due to improper materials or workmanship, Alert-iT will, without charge for labour or parts, repair or (at Alert-iT's discretion) replace the product or its defective parts subject to the terms and limitations below. Alert-iT may replace defective products or parts with new or refurbished products or parts. All retained products and parts replaced become the property of Alert-iT.

TERMS

Guarantee services will be provided only if the original invoice or sales receipt (indicating the date of purchase, model name and dealer's name) is presented with the defective product within the guarantee period. Alert-iT may refuse free-of-charge guarantee service if these documents are not presented or if they are incomplete or illegible.

This Guarantee will not apply if the model name or serial number on the product has been altered, deleted, removed or made illegible.

This Guarantee does not cover transport costs and risks associated with transport of your product to and from Alert-iT.

This Guarantee does not cover:

- a. occupancy sensors or moisture sensors (see individual products for their guarantees).
- b. periodic maintenance and repair or parts replacement due to wear and tear.
- c. consumables (components that are expected to require periodic replacement during the lifetime of a product such as batteries).
- d. damage or defects caused by use, operation or treatment of the product inconsistent with normal use.
- e. damage or changes to the product as a result of:
 - i. misuse, including:
 - treatment resulting in physical, cosmetic or surface damage or changes to the product.
 - failure to install or use the product for its normal purpose or in accordance with Alert-iT's instructions on installation or use.
 - failure to maintain the product in accordance with Alert-iT's instructions on proper maintenance.
 - installation or use of the product in a manner inconsistent with the technical or safety laws or standards in the country where it is installed or used.
 - ii. the condition of or defects in systems with which the product is used or incorporated except other Alert-iT's products designed to be used with the product.

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- iii. use of the product with accessories, peripheral equipment and other products of a type, condition and standard other than prescribed by Alert-iT.
 - iv. repair or attempted repair by persons who are not authorised by Alert-iT.
 - v. adjustments or adaptations without Alert-iT's prior written consent, including:
 - upgrading the product beyond specifications or features described in the instructions for use, or modifications to the product to conform it to national or local technical or safety standards in countries other than those for which the product was specifically designed and manufactured.
 - vi. neglect
 - vii. accidents, fire, liquids, chemicals, other substances, flooding, vibrations, excessive heat, excess or incorrect supply or input voltage, radiation, electrostatic discharges including lighting, other external forces and impacts.

This guarantee covers only hardware components of the product.

EXCLUSIONS AND LIMITATIONS

Except as stated above, Alert-iT makes no warranties (express, implied, statutory or otherwise) regarding product or accompanying or constituent software quality, performance, accuracy, reliability, fitness for a particular purpose, or otherwise. If this exclusion is not permitted or fully permitted by applicable law, Alert-iT excludes or limits its warranties only to the maximum extent permitted by applicable law. Any warranty that cannot be fully excluded will be limited (as far as permitted by applicable law) to the duration of this Guarantee.

Alert-iT's only obligation under this Guarantee is to repair or replace products subject to these Guarantee terms and conditions. Alert-iT is not liable for any loss or damage relating to products, service, this Guarantee or otherwise, including- economic or intangible losses- the price paid for the product- loss of profits, revenue, data, enjoyment or use of the product or any associated products- indirect, incidental or consequential loss or damage. This applies whether that loss or damage relates to: impaired or non-operation of the product or associated products through defects or unavailability while with Alert-iT, which caused downtime, loss of user time or business interruption, inaccuracy of output from the product or associated products.

This applies to loss and damages under any legal theory, including negligence and other torts, breach of contract, express or implied warranty, and strict liability (even where Alert-iT has been advised of the possibility of such damages).

Where applicable law prohibits or limits these liability exclusions, Alert-iT excludes or limits its liability only to the maximum extent permitted by applicable law. For example, some countries prohibit the exclusion or limitation of damages resulting from negligence, gross negligence, wilful misconduct, deceit and similar acts. Alert-iT's liability under this guarantee will in no case exceed the price paid for the product, but if applicable law permits only higher liability limitations, the higher limitations apply.

YOUR LEGAL RIGHTS RESERVED

Consumers have legal (statutory) rights under applicable national laws relating to the sale of consumer products. This guarantee does not affect statutory rights you may have, nor those rights that cannot be excluded or limited, nor rights against the person from whom you purchased the product. You may assert any rights you have at your sole discretion.

19 TECHNICAL SPECIFICATIONS

Equipment is for continuous operation.

Control Unit

Model:	P202.
Batteries:	2x AAA 1.2V Ni-MH Rechargeable 800mAh (HR03).
Battery Life:	Up to 40 hours (24 to 36 hours typical).
Power Input:	5VDC @ 500mA.
Charge Time:	~2 hours.
Input and Output Connectors:	USB Type-C (Power and Data Port).
Switches and Controls:	Keypad with 7 press buttons.
Signal Lights:	Power Status (Red / Green) Monitor Status (Red / Yellow / Green) Pager Status (Red / Green)
Sound Pressure Level Range:	50-54 dBA @ 1m.
Delay time from ALARM CONDITION to SIGNAL OUTPUT:	< 1s.
Maximum remote ALARM SIGNAL GENERATION DELAY:	< 1s.
Memory Retention:	All memory retained after power loss.
Measurements:	122 x 72 x 20 mm (HxWxD).
Weight:	160g (including batteries).
Colour:	White.
Casing:	ABS Plastic.
IP Rating:	IP64.
Service Life:	5 years.
Radio Frequency:	434.0750 MHz.
Radio Output Power:	< 10 mW.
Radio Range:	450 meters (line-of-sight).
OR	
Radio Frequency:	869.2125 MHz.
Radio Output Power:	< 10 mW.
Radio Range:	450 meters (line-of-sight).

Ambient Conditions

Operating Temperature:	5°C to 40°C (Use Indoors).
Humidity Limit:	5% to 90% max. Non-condensing.
Atmospheric Pressure:	700 hPa to 1060 hPa.
Storage Temperature:	-30°C to 50°C.



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Leisner ApS
Korsvangcentret
DK- 5610 Assens
Denmark

For support please contact your equipment provider.

EU Importer to add details here, where applicable.

