



# Companion mini

## User Manual

This document applies to;

Model: **P176A\*\***

Product Version: **v9**

Firmware: **v1.0.\***

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## 1 INTRODUCTION

These 'instructions for use' describe the use of the Alert-iT **"Companion mini"**.

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 **"Companion mini"** is a medical device.

### 1.1 Product Description

The **"Companion mini"** has been designed to discreetly monitor the user with high performance sensors which detects fine movements.

The caregiver is then alerted via Alert-iT's failsafe **"Safelink®"** radio system.

## 2 INTENDED USE

### 2.1 Indications for Use

The product is intended to detect an increase in repetitive movement in the bed and to alert caregivers to the increased movement which may indicate a seizure. The Companion mini is intended to be used when the individual is in bed either during the night or during the day.

### 2.2 Intended Users and Use Environment

The product is intended to be used as an aid to caregivers. The user may be a layperson or healthcare professional.

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

### 2.3 Intended Patient Population

The product is intended for use with individuals over 3 years old who may require monitoring whilst in bed.

### 2.4 Contraindications

- The product does not provide information for diagnosis.
- The product does not recommend any treatment or intervention.
- The product may only be used with suitable paired devices.

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## 2.5 Device Lifetime

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

Replace this device after this or earlier, if;

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

See “**page 15**” for recycling guidance. If any cracks or structural damage is observed, cease the use and replace the Companion mini immediately.

*Note: the batteries must be replaced when the product does not start or if the receiving equipment indicates the battery is low.*

## 3 SAFETY

### 3.1 Important Information

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

### 3.2 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.

### 3.3 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.

### 3.4 Conformance with requirements for medical devices

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

### 3.5 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.

### 3.6 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.

### 3.7 Safety Precautions



**WARNING:**

- 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 device is 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.
- Only use the Companion mini 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 any rechargeable batteries or lithium-ion batteries. Lithium-ion batteries carry the risk of overheating and ruining the device.
- This product is for indoor use only in a dry environment, do not let the device get wet.
- Remove the batteries when the device is not in use or stored for an extended period. Alkaline batteries may become self-discharged and, start leaking and contaminate 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.
- Do not use this device for any purpose other than that specified by the manufacturer.
- 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 15**.
- 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 14**.
- 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.

### 3.8 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.

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### 3.9 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.
- IP20** Indicates the level of Ingress Protection for the device.
-  Caution : Consult safety information in these instructions for use.
-  Consult instructions for use. Refer to instructions for use.
- CE** CE Mark. (the product conforms with the general safety and performance requirements of the Medical Device Regulations (EU) 2017/745).
- UK CA** 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.

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## 4 PACKAGE CONTENTS

Your package will contain the following:

1x <b>Companion mini</b>	[Part #: P176A**]
2x <b>AAA Batteries [Alkaline LR03 1.5V]</b> (Fitted)	[Part #: P160F]
4x <b>Velcro Pads</b>	
1x <b>Foam Block</b>	[Part #: P128B]

Companion mini Solution:

1x <b>Pager</b>	[Part #: P202***]
1x <b>USB Cable (micro USB type-B)</b>	

Companion mini Connect:

1x <b>Connect-iT</b>	[Part #: P155B**]
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Companion mini Pro:

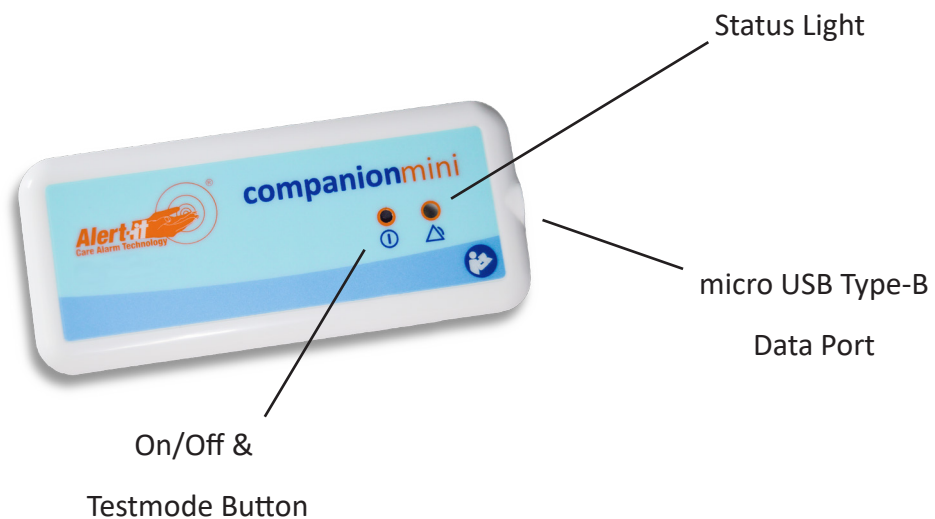
1x <b>Remote Reset Button</b>	[Part #: P176B**]
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### 4.1 Compatible Products

The Companion mini is compatible with all of Alert-iT's Safelink™ Radio receivers.

*Note: For additional information please contact your equipment provider.*

## 5 SYSTEM OVERVIEW



### 5.1 Status Light

The Companion mini status light behaves as follows:

- **Movement Alarm** = Blinking Red every 2 seconds.
- **Battery Low** = Blinking Red every 5 seconds.
- **Testmode** = Flashing Green.
- **Turning On** = Short Green Flash.
- **Turning Off** = Flashes Red Rapidly for 2 seconds.

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## 6 INITIAL SETUP

### 6.1 Turning On

The Companion mini is supplied with batteries fitted, but requires turning on before initial use.

To activate the Companion mini:

- Press the recessed “**O**” button.
- The “**Status**” light will flash green briefly.
- The Companion mini is now ready to be used.

### 6.2 Pairing with Receivers

The Companion mini is typically supplied pre-paired to it’s receiving equipment.

The “**Radio Address**” for the Companion mini is printed on the device labelling, please consult the instructions for the receiving equipment for how to pair this together.

### 6.3 Turning Off

To turn the Companion mini off:

- Press and hold the recessed “**O**” button for 8 seconds until the “**Status**” light turns red.
- Release the button and the “**Status**” light will flash red rapidly for several seconds.
- A “**Monitor Off**” notification will be sent to any paired receiving equipment upon turning off.

Note: This can be disabled using profile editor if required.

- The Companion mini is now turned off and can be placed into storage.

### 6.4 Positioning and Testing

The Companion mini should be installed as follows:

**Step 1)** Place the Companion mini under the mattress on top of the foam block on the base of the bed frame, in a central location underneath the patients usual torso area.



**Step 2)** Test the devices operation by simulating the seizure movements that need to be detected.

E.g. Place both hands on top of the mattress and rock the mattress at the intensity and frequency of the patients typical seizure movements for “15 seconds” (Default).

If the device is now operating as expected, the Companion mini can be secured to the bed frame using the provided velcro pads.

**Note<sup>1</sup>:** To improve alarm detection or to reduce false alarms, the Companion mini’s alarm parameters can be adjusted using the Alert-iT Profile Editor software (See **page 13**).

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## 6.5 Testmode

To aid in initial positioning, the Companion mini features a “**Testmode**” that can be activated by briefly pressing the “**O**” button. The Companion mini will remain “**Testmode**” for 1 minute and the “**Status**” light will flash “**Green**” continuously.

In “**Testmode**” each time a single movement is detected, the “**Status**” light will turn “**Red**” for the “**Movement Rate**” period and the mini will send a “**Motion**” alert to any paired receivers. The “**Accept**” button on the P202A Pager will need to be pressed each time.

This allows the Companion mini to be placed onto the bed frame, and movements simulated at the intensity that is needed to be detected.

## 7 SYSTEM OPERATION

### 7.1 Movement Alarms

When repetitive movements are detected, the Companion mini will send a “**Movement**” alarm to any paired receivers.

#### Companion mini (C0) [including Companion mini Connect]

Once the repetitive movements have ceased for the “**Alarm Latch Duration**” (*Default: 1 minute*), the companion mini will send its reset signal to any paired receivers.

Paired pagers will have to accept the alarm before the alarm is cleared, this is to ensure alarms are not missed.

To prevent nuisance repeated alarms, the Companion mini will not produce any further alarms for the “**Suspend Duration**” (*Default: 2 minutes*) once the repetitive movements have ceased.

#### Companion mini Pro (C1)

Once the repetitive movements have ceased for 10 seconds a remote reset button (with the same radio address) can then be used to clear the alarm from any paired receivers.

To prevent nuisance repeated alarms, the Companion mini will not produce any further alarms for the “**Suspend Duration**” (*Default: 2 minutes*) once the repetitive movements have ceased.

### 7.2 Movement Detection

The Companion mini will raise a “**Movement**” alarm if the repetitive movements persist above the “**Movement Level**” setting for period longer than the “**Movement Duration**” setting. If the movements cease for longer than the “**Movement Rate**” setting the duration counter is reset to zero.

Default values for these settings are:

- **Movement Level:** 3 (*Adjustable from 2 “Most Sensitive” to 9 “Least Sensitive”*)
- **Movement Duration:** 15 seconds (*Adjustable from 8 seconds to 35 seconds*)
- **Movement Rate:** 3 seconds (*Adjustable from 1 second to 6 seconds*)
- **Alarm Latch Duration:** 1 minute (*Adjustable from 15 seconds to 15 minutes*)
- **Suspend Duration:** 2 minutes (*Adjustable from 15 seconds to 10 minutes*)

These settings can be changed using the Alert-iT Profile Editor tool (see **page 13**).

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### 7.3 Battery Level Warnings

The Companion mini checks its battery state on battery insertion and every 5 minutes thereafter.

A “**Battery Low**” warning will be raised when the batteries are nearing the end of their usable life. The “Status” light on the mini will begin to flash red every 5 seconds.

A “**Battery Very Low**” warning will be raised when the batteries need changing immediately (See **page 14**).

#### Suspending Battery Low Warnings

When a “**Battery Low**” warning has been raised, the fault notification can be temporarily suspended by pressing the recessed “**⓪**” button.

This will suspend the battery low warning for “**9 hours**”.

### 7.4 Self Test Warnings

To ensure continued performance of the movement detection circuitry, the Companion mini performs a self-test of its internal movement sensor every “**10 minutes**”.

If the test fails a “**Movement Fault**” will be sent to any paired receivers.

Note: Although the internal self-test routine takes less than a second to perform, the test can fail if the companion mini is moving excessively while the test is being performed (e.g. the Companion mini is being moved from bed to bed). Pressing the recessed “**⓪**” button will clear the fault and will resume normal operation. However if the test continues to fail repeatedly you should cease using the Companion mini and seek advice from your equipment supplier.

### 7.5 Radio Connection Faults

The Companion mini transmits a radio packet every ~10 seconds when it is turned on.

If any paired receiving equipment does not receive any of these radio packets for “**2 minutes**”, a “**Radio Connection Fault**” will be raised.

This fault is typically triggered by:

- The receiver being out of range of the Companion mini.
- The Companion mini has been turned off.
- The Companion mini 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.

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## 8 CHANGING SETTINGS ON THE COMPANION MINI

### 8.1 Recommended Settings Adjustments

If you get false movement alarms when the bed is empty you, can reduce the sensitivity by increasing the “**Movement Level**” setting by 1 step (e.g. from “**3**” to “**4**”).

If you get false movement alarms in use, it is advised to increase the “**Movement Duration**” by a few seconds and trying this before trying to reduce the sensitivity.

### 8.2 How to use profile editor

The “**Alert-iT Profile Editor**” can be downloaded from our website:

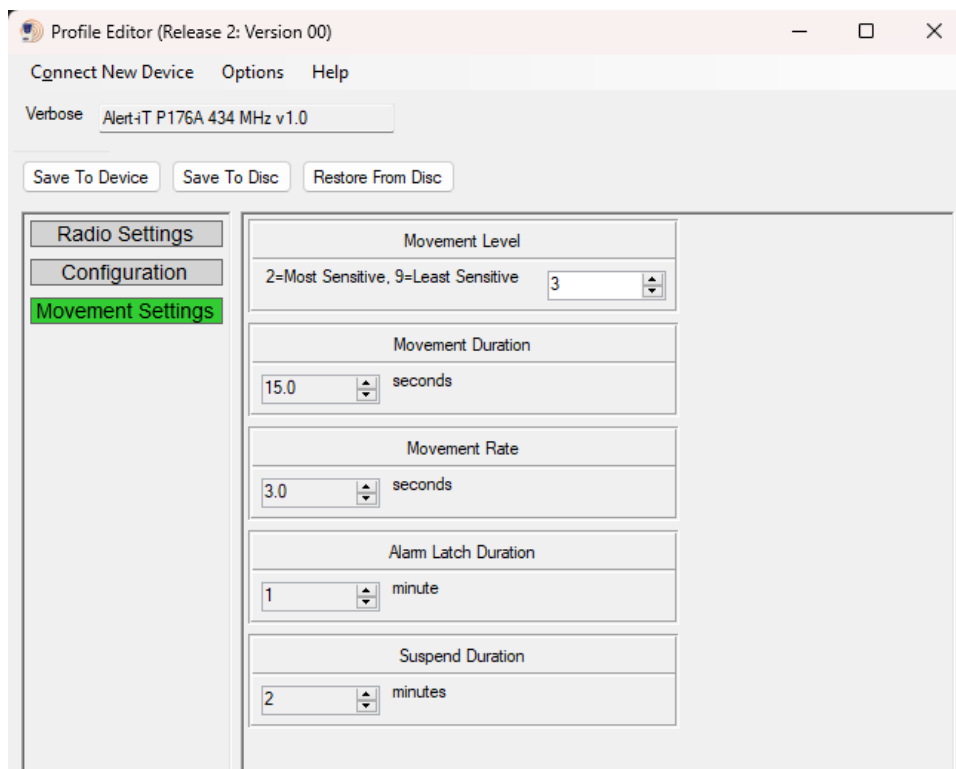
***[www.alert-it.co.uk/support/](http://www.alert-it.co.uk/support/)***

Once installed:

- 1) Plug the USB cable into the Companion mini.
- 2) Ensure the Companion mini’s “**Status**” light is flashing green.
- 3) Launch “**Profile Editor**”. (Click “**Connect New Device**” if no device is found).
- 4) Select “**Movement Settings**” on the left hand side.
- 5) Make any desired settings changes, then click “**Save to Device**”.

(Refer to **section 7.4** for default settings)

- 6) Test the Companion mini (See **section 6.4**).



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## 9 MAINTENANCE

The Companion mini is maintenance free, however the batteries will need to be changed when required.

### 9.1 Changing the batteries in the companion mini

The device operates with 2 high quality AAA size 1.5V Alkaline Batteries that should last 12 to 24 months before they need replacing.

To change the batteries:

**Step 1)** Remove the back of the Companion mini by inserting a small tool into the slot to depress the catch and release the case back (see **figure 1**).

**Step 2)** Remove the old batteries and dispose of them appropriately.

**Step 3)** Observe the polarity markings on the base of the case (see **figure 2**).

**Step 4)** Insert the new batteries (see **figure 3**).

Batteries: 2x AAA Alkaline 1.5V. LR03. Non-rechargeable.

**Step 5)** Clip the rear case back into position.

**Step 6)** After changing batteries, the Companion mini will be turned on, replace the device under the mattress and test the device (see **section 6.4**).



Figure 1



Figure 2

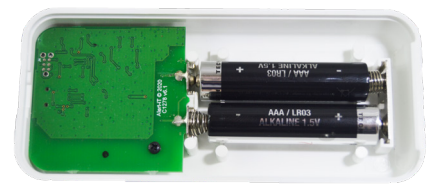


Figure 3

### 9.2 Cleaning

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



Avoid getting any liquid into the USB connector or recessed “**⓪**” button.



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

### 9.3 Reuse

If the device is to be reused, the Companion mini should be restored to its default alarm parameter settings if they have been modified.

### 9.4 Routine Checks

#### Weekly Checks

It is recommended to test the system weekly by simulating the repetitive movements that you want the device to detect on the bed and ensuring the alarm is raised on the paired receiving equipment.

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## 10 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.

## 11 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.

## 12 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/](http://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.

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## 13 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.

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## 14 TECHNICAL SPECIFICATIONS

Equipment is for continuous operation.

### Companion mini

<b>Model:</b>	P176A**.
<b>Batteries:</b>	2x AAA 1.5V Alkaline (LR03).
<b>Battery Life:</b>	1 to 2 years.
<b>Input and Output Connectors:</b>	micro USB Type-B (Programming Port).
<b>Switches and Controls:</b>	1x Press Button.
<b>Signal Lights:</b>	Status Light (Red / Green)
<b>Delay time from ALARM CONDITION to SIGNAL OUTPUT:</b>	< 1s.
<b>Maximum remote ALARM SIGNAL GENERATION DELAY:</b>	< 1s.
<b>Memory Retention:</b>	All memory retained after power loss.
<b>Measurements:</b>	100 x 44 x 16 mm (HxWxD).
<b>Weight:</b>	80g (including batteries).
<b>Colour:</b>	White.
<b>Casing:</b>	ABS Plastic.
<b>IP Rating:</b>	IP20 (Not-waterproof).
<b>Service Life:</b>	5 years.

<b>Radio Frequency:</b>	434.0750 MHz.
<b>Radio Output Power:</b>	< 10 mW.
<b>Radio Range:</b>	450 meters (line-of-sight).
OR	
<b>Radio Frequency:</b>	869.2125 MHz.
<b>Radio Output Power:</b>	< 10 mW.
<b>Radio Range:</b>	450 meters (line-of-sight).

### Ambient Conditions

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





ITs Designs Ltd,  
T/A: Alert-iT Care Alarms  
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Leisner ApS  
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Denmark

For support please contact your equipment provider.

EU Importer to add details here, where applicable.

