



# Companion Mini Connect

## USER MANUAL

This document applies to;

P176A Product Version:	9
P176A Firmware:	v1.0
P155B Product Version:	1
P155B Firmware:	v2.2

UH1479A-ENG Companion Mini Connect User Manual  
Version: 7.0.0 [30 May 2024]



LESS STRESS CARING

Your product has been manufactured by a team of industry experts with more than 20 years of experience designing, manufacturing and distributing care alarms.

With a commitment to quality and innovation we are able to bring you a robust and reliable system to aid carers and the safeguarding of individuals.

Please read this manual carefully to ensure the correct set up, use, and maintenance of your new product for years to come.

If you have any questions or require assistance in regards to the Companion mini, Connect-iT or any other Alert-iT product please contact your equipment provider.

For equipment provided directly by Alert-iT, please call: +44 (0) 1530 239 900.



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This product has been designed to discreetly monitor the user with high performance sensors which detect fine movements.

## **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.

## **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.

## **Intended Patient Population**

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

## **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.

## **Device Lifetime**

The typical expected life of the product in normal home use is 5 years.








Replace the product after this or earlier, if;

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

See page 26 & 27 for recycling guidance. If any cracks or structural damage is observed, cease the use and replace the product immediately.

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

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

	This is a Medical Device.
	Unique Device Identification.
	Batch Code.
	Serial Number.
	Catalogue Number.
	Manufacturer.
	Date of Manufacture.
	Authorized representative in the European Community.
	Keep Dry.
	Fragile, handle with care.
<b>IP20</b>	Protected against solid objects over 12.5 mm (e.g. a finger) and no protection against liquids.
	Caution - Read the safety precautions before use.
	Refer to instructions for use.
	CE Mark. (the product conforms with the essential requirements of the Medical Device Regulations (EU) 2017/745).
	Symbol of the European Waste Electrical and Electronic Equipment Directive (WEEE Directive) 2002/96/EC on waste electrical and electronic equipment.
<b>RoHS</b>	Indicates that the product is in compliance with the European directive 2002/95/EC 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).
	Indicates positioning of battery cell. + is positive terminal and - is negative terminal.

### 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.



This symbol indicates there are warnings and precautions associated with the use of this equipment. This instruction manual should be carefully read and understood before using the equipment.

1. This device is designed only to be used as an aid for a caregiver.
2. The caregiver must never clear an alarm without checking the patient's condition.
3. Ensure the voltage & current rating of remote signaling equipment (Nurse Call etc) does not exceed the maximum allowed (30VDC@1A / 30VAC@0.3A).
4. Ensure that the nurse call lead and power cables are routed and secured to avoid the risk of trips, entanglement or strangulation.
5. Ensure, by testing, that the alarm notifications are received at the caregivers location(s).
6. A risk assessment must be conducted to determine if the level of reliability offered by the device is sufficient or if additional equipment is needed. Consideration shall be given to the patients likelihood of tampering with the system.
7. Clean and disinfect each item as needed in accordance with information on pages 14 & 20.
8. Regularly test device as described in these instructions for use.
9. The device is not diagnostic and cannot differentiate between a tonic-clonic seizure and other repetitive movements.
10. Use only the accessories approved for use with this product and only in accordance with instructions.
11. Do not use this device for any purpose other than that specified by the manufacturer.
12. Operate power supply away from direct heat and uncovered.
13. Do not let the device get wet.
14. This product is for indoor use only in a dry environment.
15. Some accessories are fitted with small screws and have plastic bags. Ensure these do not come into the possession of vulnerable people who might choke on them.
16. Do not try to repair the device yourself.
17. No maintenance of the device is allowed during use.
18. If the equipment is modified in any way, appropriate inspection and testing must be conducted to ensure continue safe use of the equipment.
19. Remove the batteries when the device is not in use or when it is stored for an extended period. Alkaline batteries may become self-discharged, start leaking and contaminate the device.
20. Do not use any rechargeable batteries or lithium-ion batteries. Lithium-ion batteries carry the risk of over heating and ruining the device.
21. As with all electronic equipment there is potential for the equipment to interfere with or be effected by interference from other electrical or electronic devices. For this reason avoid placing the device, pager or charging cable in close proximity to sensitive electronic devices or devices which produce strong electromagnetic fields such as radio transmitters, mobile phones or power cables.
22. Regularly check the power supplies for damage and potential shock risks.
23. Equipment is not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.

*The Alert-iT system has been designed with due regard to reliability and integrity. While it offers a highly vigilant monitoring 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 monitoring techniques (e.g. video). Neither the manufacturer nor its agent can accept legal responsibility to provide a system that is infallible. The carer is responsible for assessing the risks of using this equipment and any settings pertaining to it.*

The Companion Mini Connect Box Contains:		
A	1 x Companion Mini - [P176A]	Includes 2x AAA 1.5V Alkaline Batteries (LR03. Non-rechargeable)
B	1 x Connect-iT - [P155B]	Includes 2x AA 1.2V Ni-MH Batteries (HR6. Rechargeable)
C	4 x Velcro Pads	
D	1 x Foam Block	Fitted under the Companion Mini to increase sensitivity
E	1 x 12V Connect-iT PSU - [P171]	[Not shown]
F	1x Connect-iT Wall Mounting Kit	Includes 2x Sticky-pads & 2x Wall Screws [Not shown]

A



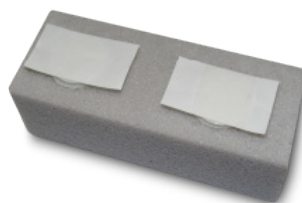
B



C



D



**PLEASE NOTE:**

Nurse Call Leads are not included and are provided separately. See page 19 for further details.



## Turn On Both Devices

- ✓ Turn on the Companion mini by pressing the recessed button with a pen tip (See figure 1), the status light will illuminate green briefly.
- ✓ Place the Companion mini under the mattress, beneath the patients torso area.
- ✓ Plug the 12V Power Supply [P171] into a mains socket, then plug the other end into the Connect-iT's power socket labeled "12v DC" on the rear label.
- ✓ Turn on the Connect-iT by pressing the recessed button with a pen tip (See figure 2).
- ✓ Ensure the green "POWER" light is now illuminated and not flashing.



Figure 1



Figure 2

## If Using the Connect-iT with a Wired Nurse Call Point

- ✓ Plug the "Red" end of the nurse call cable (provided separately) into the wired output socket (See figure 3).
- ✓ Plug the other end of the nurse call cable into the nurse call point.
- ✓ Please be aware that nurse call systems which do not use a "Normally Closed" connection may not be alerted if the nurse call lead is unplugged or disconnected. Regular testing must be performed to ensure system is working as intended. It is not recommended to use this "Normally Open" connections where a risk is identified that users are likely to intentionally remove cables, or intentionally un-pair / tamper with the monitors, as alarm conditions may not be annunciated at the carers location.



Figure 3

## If Using the Connect-iT with a 3rd Party Radio System

- ✓ Pair the Connect-iT with the 3rd party radio receiver as described in their manual (See page 21 for more details).

## Testing the System

The “**MONITOR**” light flashes green every time the Connect-iT receives a radio transmission from a paired device. The Companion Mini transmits a failsafe radio heartbeat transmission every 10 seconds.

- ✔ Ensure the “**MONITOR**” light flashes green every 10 seconds.

Note: The light will flash more frequently if more than one device is paired to it. If the “**MONITOR**” light turns solid red, one or more paired devices are either turned off or are out of range.

- ✔ Simulate the movements that need to be detected on the bed.
- ✔ Ensure the “**ALARM**” light flashes red and the nurse call system or 3rd party radio receiver activates.
- ✔ Stop simulating the movements on the bed and wait 1 minute for the Companion Mini’s alarm to reset.
- ✔ Ensure the “**ALARM**” light stops flashing red.
- ✔ Pull out the 12v DC jack to simulate a power cut.
- ✔ Check that the green “**POWER**” light is now flashing to indicate it is now running off the backup battery. Note: If the “**POWER**” light is now off, the backup batteries have failed and are either not fitted or require replacement.
- ✔ Repeat the alarm test and ensure the wired nurse call system or 3rd party radio receiver activates as expected whilst running on the battery backup.



Figure 4

## Positioning

- ✔ Fix the Connect-iT’s back panel to a wall using the provided screws OR sticky pads.

**PLEASE NOTE:** We recommend screws are used, as the sticky pads can slowly work their way loose over time unless the surface is perfectly clean and flat.

- ✔ Clip the Connect-iT onto the back panel.
- ✔ Route the cables to ensure they do not pose an entanglement or trip hazard.

This handbook covers everything you need to know to install, test and maintain the Companion Mini.

The Companion Mini is designed to be fitted and used in 4 steps:

Step 1) Turn on the Companion Mini (see below).

Step 2) Turn on the Connect-iT (see page 15).

Step 3) Positioning and testing (see page 12).

Step 4) Using the Companion Mini (see page 13).

## Turning on the Companion Mini

The Companion Mini monitor is supplied with batteries fitted but needs to be turned on before use.

To activate the Companion Mini, press and release the recessed “ⓘ” button on the front of the monitor using a pen tip or similar tool [See figure 1].

The status light will illuminate green briefly to indicate the unit is now turned on. The Companion Mini is now ready to be positioned under the mattress.



Figure 5

## Turning off the Companion Mini

If the Companion Mini is no longer needed it can be turned off by press and holding the “ⓘ” button for 8 seconds.

After 8 seconds release the button and the light will flash red rapidly for several seconds upon shutting down.

Note: The Companion Mini will send an “Monitor Off” fault notification to the pager upon shutting down.

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## Positioning and Testing

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The Companion Mini performs best if placed under the mattress, beneath the patients usual torso area. However, due to the wide variety of bed types and mattresses, it is advisable to test the device as per the instructions below.

Step 1) Place the Companion Mini under the mattress on the base of the bed frame, in a central location underneath the torso area.

Step 2) Test the devices operation by simulating the movement that needs to be detected on the bed.

**Note 1:** If the Companion Mini is struggling to detect the repetitive movements, the provided foam block can be used to increase the devices sensitivity. The foam is intended to be placed underneath the Companion Mini.

**Note 2:** 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 which is available to download for free (See page 24).

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

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## Operation Overview


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The Companion Mini will raise an alarm notification upon detection of repetitive movements larger than the "Movement Level" setting that continue for longer than the "Movement Duration" setting. If there is a gap in the repetitive movements for longer than the "Movement Rate" setting, the duration counter will reset.

These 3 alarm parameters are adjustable via the Alert-iT Profile Editor software (see page 24):

- Movement Level. (How sensitive the device is to movements)
- Movement Duration. (The duration the repetitive movements need to continue for)
- Movement Rate. (The maximum gap allowed between individual jerking movements)

Once an alarm has been triggered, further alarms are inhibited for 2 minutes after the repetitive movements cease. This period is also adjustable, see "Suspend Duration" in the profile editor.



## System Operation

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You should now have the Companion Mini installed in the bed, and the Connect-iT turned on and receiving the Safelink® signals. Indicated by the red “**MONITOR**” light flashing on the Connect-iT each time one is received.

If the Companion Mini now detects any repetitive movements in the bed for a period greater than 15 seconds (default setting) an alarm will be raised. (The default 15 second “Movement Duration” is adjustable using the Alert-iT Profile Editor software).

If the Connect-iT stops receiving the failsafe radio signal from the Companion Mini, after 2 minutes the “**ALARM**” light will permanently light up red, the “**MONITOR**” light will flash red every 2 seconds and an intermittent “**Fault**” tone will sound.

When the Companion Mini’s battery gets low, the Connect-iT’s “**MONITOR**” light will flash red every second to indicate that you should now change the battery in the Companion Mini (See page 14). When the battery gets very low the “**ALARM**” led will begin to flash and an alarm will activate.

## Alarm Mode

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When repetitive movements are detected, the “**ALARM**” light on the Connect-iT will light up and the Wired output will activate (Or the internal 3rd party radio transmitter will trigger).

A minute after the movement activity has ceased, the Companion mini will send an “**All Clear**” signal to the Connect-iT.

### SAFETY NOTICE:

The Companion Mini will continue to send the alarm notification until the repetitive movements have stopped for 1 minute.

When at least 1 minute has passed movement free, the Companion Mini will send the “**All Clear**” signal.

Upon receiving the “**All Clear**” signal, the Connect-iT will stop triggering the wired nurse call output / 3rd party radio module.

**You MUST always check the user even if the alarm appears to have cleared.**

## Routine Testing

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 and received by the nurse call system or 3rd party radio module.

A “Routine Testing” record sheet is provided on page 23.

## How to Clean the Device

It is recommended to clean the devices as needed by wiping with cotton wool pads moistened (compressed until dripping stops) with a mild detergent (0.5% washing up liquid) solution or by using an alcohol or baby wipe.

Avoid getting any liquid into the micro-USB connector.

## Changing Batteries in the Companion Mini

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 6).

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 7).

Step 4) Insert the new batteries (see figure 8). 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.



Figure 6

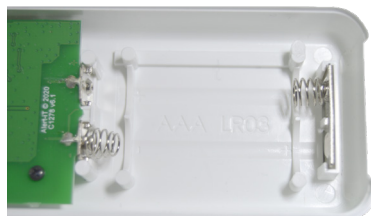


Figure 7

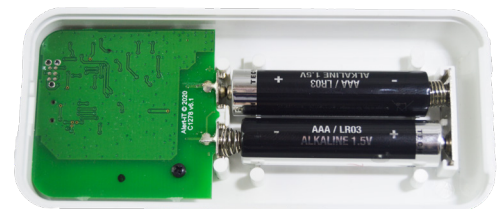


Figure 8

## Turning On the Connect-iT

The Connect-iT is shipped in a low power state to stop the batteries draining during shipment.

- ✔ Press the central recessed button with a pen tip or similar tool to turn on the Connect-iT. The “**POWER**” light will turn solid green if plugged into the mains or will flash green if running on the backup battery.



Figure 9

## Pairing

The Connect-iT will be pre-paired to the Companion mini before shipment. These instructions can be used to pair additional Alert-iT radio devices to the Connect-iT.

To pair the Connect-iT with an Alert-iT radio monitor you can either use the “**PAIR**” button on the front of the unit OR connect the device to a PC via a micro USB cable (See page 24).

Using the “**Pair**” button;

- ✔ Ensure that the required Alert-iT monitor to be paired is within 2 meters of the Connect-iT.
- ✔ Using a pen tip or similar tool, press and hold the “**PAIR**” button on the front of the Connect-iT. The “**MONITOR**” light will begin to flash green rapidly.
- ✔ Stimulate a radio transmission from the Alert-iT monitor, either by ‘**tapping**’ its reset button or by triggering an alarm.
- ✔ If successful, the “**MONITOR**” light will stop flashing and turn solid green, you can now release the “**PAIR**” button.

## Clearing the Paired Monitor Memory

To clear **ALL** paired monitors from the Connect-iT’s memory:

- ✔ Press and hold the “**PAIR**” and “**CLEAR**” buttons together for 8 seconds. All three lights on the Connect-iT will flash together three times as confirmation.

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## Front Panel Lights

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The green “**POWER**” light indicates the current power state of the device;

- ✓ **Solid green** = Running on Mains power.
- ✓ **Flashing green every 4 seconds** = Running on battery backup.
- ✓ **Flashing green every second** = Battery backup getting low.

The red “**ALARM**” light indicates that the wired output has been triggered. Whilst the “**ALARM**” light continues to flash red, the wired output will trigger every two minutes.

The “**MONITOR**” light indicates the current state of the paired radio monitors. (See page 22 for more details).

If you have paired the Connect-iT to a Safelink enabled device, the green “**MONITOR**” light will blink green each time the radio heartbeat signal is received every 10 seconds.

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## Wired Nurse Call Output

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When an alarm or fault is active, the wired output will activate for 2 seconds then clear. If the alarm remains active, it will re-trigger every 2 minutes until the alarm or fault condition is cleared.

- ✓ Please be aware that nurse call systems which do not use a “**Normally closed**” connection may not be alerted if the nurse call lead is unplugged or disconnected. Regular testing must be performed to ensure system is working as intended. It is not recommended to use this “Normally Open” connections where a risk is identified that users are likely to intentionally remove cables, or intentionally un-pair / tamper with the monitors, as alarm conditions may not be annunciated at the carers location.

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## Resetting an Alarm (Excluding the Companion mini)

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Alarms are reset via the paired monitors “**Reset**” button. However, if a paired monitor is no longer accessible (e.g left in an alarm state, then taken off the premises), you can press and hold the “**CLEAR**” button for 5 seconds to clear any alarm condition on the Connect-iT.

### PLEASE NOTE:

For standard use, the alarm must be canceled at the monitor otherwise the Connect-iT will re-alarm as the monitor will continue to send out alarm signals. However; for telecare, our monitors are typically configured as self-resetting.

For details or concerns on how your system is reset, please contact your telecare or nurse call provider.



## Alarms

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When a paired monitor sends out an alarm call, the Connect-iT's **"MONITOR"** light will turn solid red. The **"ALARM"** light will flash every second. The wired output will activate every 2 minutes until the monitors alarm condition has been cleared. See page 16 for resetting an alarm.

## Common Fault Conditions

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### Radio Failure:

If the Connect-iT has been paired to a device with **"Safelink"** enabled (Type code over 128) it will expect to see the regular radio heartbeat signal from the monitor. If it does not see any heartbeat signals for 2 minutes it will raise a **"Radio Failure"** fault. In this condition the wired output will activate, the **"MONITOR"** light will blink every 2 seconds and the **"ALARM"** light will blink every 2 seconds.

### Monitor Battery Low / Very Low:

When a paired monitors internal battery gets **'low'**, the **"MONITOR"** light will begin to blink red every second.

When a paired monitors internal battery gets **'very low'**, the **"MONITOR"** light will blink every second, the **"ALARM"** light will start to blink every 2 seconds and the wired output will activate.

### Connect-iT Backup Battery Low / Very Low:

When running on the battery backup, the **"POWER"** light will turn from solid green to blinking green every 4 seconds.

When the backup battery begins to get **"low"** the **"POWER"** light will start to blink every second.

When the backup battery gets **'very low'** the wired output will activate and the **"ALARM"** light will flash.

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## Mounting the Connect-iT to a Wall

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This Connect-iT is not waterproof (sealed to a IP20 rating) and should be used indoors in a dry area of between 5°C to 35°C and a maximum of 90% Relative Humidity.

The Connect-iT should be permanently fitted to a wall near a mains plug and near to the desired nurse call point. A suitable P145 nurse call cable\* should be plugged into the wired output and into the desired nurse call point. (The red end of the nurse call cable should be plugged into the Connect-iT's wired output).

A wall mounting kit has been provided to attach the device to a wall. The back plate is removed by lifting the tab underneath. This is fixed to the wall using the wall mounting kit and the unit is then clipped back onto the plate.

The power and nurse call cable can then be plugged in. Ensure these cables are routed to avoid the risk of trips, entanglement or ligature.

\*See page 19 for further information on nurse call cables.

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## Removing the Connect-iT from Service

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If the Connect-iT is no longer needed and needs to be removed from service, the back plate can be unscrewed from the wall and clipped back onto the unit. The Connect-iT can then be turned off by press and holding the **“WAKE/CLEAR”** button for 10 seconds. The relay will activate for 2 seconds upon shutdown.

The backup batteries should still be tested when returning the unit to service to ensure the battery backup performs as desired (See page 20 for details).

Please ensure only rechargeable batteries are used;  
Batteries: 2x AA Ni-MH 1.2V (HR6. Re-chargeable).

## Leads Available from Alert-iT

Our wide selection of nurse call leads has grown over many years so it is very likely that we will already have a suitable lead available to connect the Connect-iT to your nurse call system.

Please browse our website or contact our sales team to help you find the correct lead;

**Call:** +44 (0) 1530 239 900

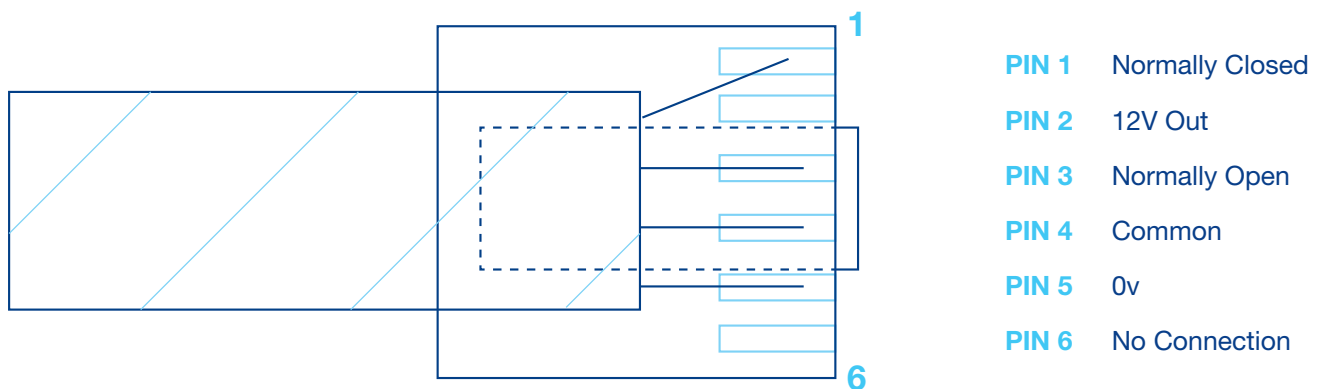
**Email:** sales@alert-it.co.uk

**Visit:** [www.alert-it.co.uk/product-category/accessories/](http://www.alert-it.co.uk/product-category/accessories/)

If we don't currently have one suitable for you, please send us your connection details and we will add it to our catalogue for you.

## Wired Output Specification

If you wish to make your own lead, the connection into the Connect-iT can be wired as follows:



Connector: RJ11 / RJ12 (Gold contacts visible on top, clip underneath)

## Routine Testing of the Backup Battery

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After each year in service the backup battery should be checked by simulating a power cut.

- ✔ Pulling the 12v DC jack out of the Connect-iT.
- ✔ Ensure the device keeps functioning for a reasonable period (e.g. 24 hours), by observing the “**POWER**” light and the activation of the wired nurse call output / 3rd party radio system when any alarm calls are raised.

Note: If the “**POWER**” light is not flashing and alarms fail to activate after 24 hours, replace the batteries.

To replace the batteries:

- ✔ Unclip the unit from the wall using the tab underneath. The rear case will stay fixed to the wall and the 2 batteries will be exposed on the back of the unit.
- ✔ Insert new batteries and clip the Connect -iT back onto the rear plate.

You must only use rechargeable batteries: 2 x AA Ni-MH 1.2V (HR6. Re-chargeable).

## How to Clean the Connect-iT

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The device can be cleaned by wiping the unit with cotton wool pads moistened (compressed until dripping stops) with a mild detergent (0.5% washing up liquid) solution or by using an alcohol or baby wipe. Avoid getting any liquid into the micro-USB connector, output connector or power socket.

## Third Party Radio Transmitters

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There is provision for a 3-pin header inside the Connect-iT that can be connected to third party radio transmitter module. This can be used by third parties wishing to integrate Alert-iT radio products with their radio systems.

This provides power and has an enable pin that is activated whenever the wired output is activated. This means that when the Connect-iT is activated by an alarm call from a paired Alert-iT Radio monitor the enable pin is activated, triggering the third party radio module which then triggers the third party radio system.

## Warranty Information

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For 3 years from the date of purchase of the initial equipment (excluding batteries), Alert-iT will offer you;

- ✔ Access to support between the hours of 9.00am and 5.00pm each weekday (excluding Public Holidays) via the telephone help-line for the purposes of fault diagnosis and the provision of advice.
- ✔ Repair (or if this is not possible-replacement) of faulty equipment free of charge, however, the equipment must be returned to Alert-iT at your own expense.
- ✔ After inspection by Alert-iT, any equipment that is deemed to have been damaged, rather than failing due to a technical fault will only be repaired after you have agreed to being invoiced for the cost of repairs and delivery.
- ✔ This agreement will terminate 3 years after the initial date of purchase, regardless of any new equipment being issued in the interim period.

Please note that liquid ingress voids warranty.

	POWER light	MONITOR light	ALARM light	Output
Normal (Powered by Mains Power)	Solid Green	Off or blinking Green every 8 seconds if paired to a Safelink enabled monitor	Off	Off
Mains Power off and running on Backup Battery	Blink every 4 seconds	—	Off	Off
Backup Battery Low	Blinking every second	—	Off	Off
Backup Battery Very Low	Blinking every second	—	Blink every 2 seconds	Active
Monitor in Alarm	—	Solid Red	Blink every 2 seconds	Active
Monitor Battery Low	—	Blink Red every second	Off	Off
Monitor in other Fault. e.g. Battery Very Low	—	Blink Red every second	Blink every 2 seconds	Active
Radio Fail (Monitor out of range / turned off)	—	Blink Red every 2 seconds	Blink every 2 seconds	Active

Serial Number: \_\_\_\_\_

Test	Signature	Date
1		
2		
3		
4		
5		
6		
7		
8		
9		
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## Changing Settings on the Companion Mini

All Companion Mini's are supplied with the following default settings;

- ✔ Movement Level = 3. Available Adjustments: 3 = Most Sensitive. 9 = Least Sensitive
- ✔ Movement Duration = 15 seconds. Available Adjustments: 8s to 35s.
- ✔ Movement Rate = 3 seconds. Available Adjustments: 1s to 6s.

If required, these settings can be adjusted using the Alert-iT Profile Editor software which is available to download for free from our Support page; [www.alert-it.co.uk/support](http://www.alert-it.co.uk/support)

Installation instructions are available within the download.



## Using Profile editor

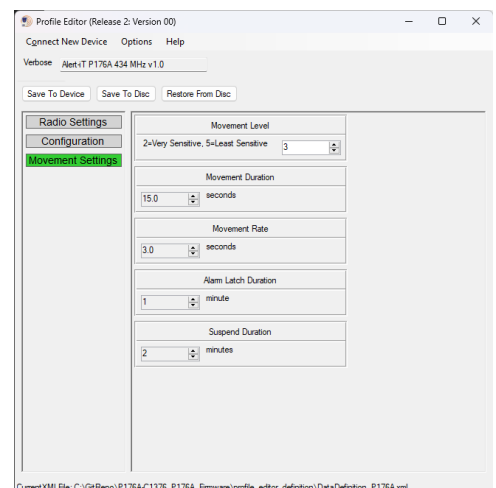
Step 1) Connect the Companion Mini to the PC using the provided USB cable. The light will start flashing rapidly green.

Step 2) Open the “Alert-iT Profile Editor”, click “Connect New Device”.

Step 3) Click on “Movement Settings”.

Step 4) Make any desired settings changes. Click “Save to device”.

The following icon will be found on your computer desktop after profile editor has been installed.





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## Changing Settings on the Connect-iT

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There are some additional configuration options that can be changed using the Alert-iT Profile Editor. Once the device has been connected to a computer running the software (Available via our website) using a micro-USB cable (not provided), the following options can be changed;

**Latched Relay Output [Default = Disabled].** The wired output is pulsed for 2 seconds every 2 minutes by default, enabling this option latches the relay permanently until the alarm is cleared. Note: This will significantly reduce the backup battery life if the wired output is left active for long periods of time and the mains power is off.

**Fault Code Warnings [Default = Enabled].** By default all fault codes received from paired monitors will trigger the wired output. Disabling this feature will mean fault codes do not trigger the wired output. It is not recommended to disable this feature.

**Sounds [Default = Enabled].** There is an internal piezo sounder that will alert the user to various fault conditions, this can be disabled if not required.

**Hidden Lights [Default = Disabled].** The lights on the front of the Connect-iT can be unwanted by users, especially at night if the unit is fitted on a bedroom wall. Enabling this option will hide the lights after 1 minute. Briefly pressing the “WAKE/CLEAR” button on the bottom of the unit will wake up the lights for 1 minute.

A “**Discreet Mode**” can be activated by holding the “**WAKE/CLEAR**” button on power up. To do this, unplug the mains adapter and remove one of the batteries. Press and hold the “**WAKE/CLEAR**” button, insert the battery, then release the button. All the lights will now be hidden until the “**WAKE**” button is tapped again, at which point the light will then ‘**wake-up**’ for 1 minute. In this mode sounds are also disabled. To revert to defaults, unplug the power jack, then remove and reinsert the batteries.

## Companion Mini Specification

<b>Model:</b>	P176A
<b>Connections:</b>	micro-USB Type B (Programming only)
<b>Weight:</b>	80g
<b>Material:</b>	White ABS Anti-microbial
<b>Dimensions (mm):</b>	100 x 44 x 16 (HxWxD)
<b>Batteries:</b>	2x AAA 1.5V Alkaline (LR03) Non-rechargeable
<b>Battery Life:</b>	12 months
<b>Radio Frequency:</b>	434.075MHz (P176*A)
<b>Radio Frequency:</b>	869.2125MHz (P176*B)
<b>Radio Power:</b>	<10mW
<b>Radio Range:</b>	450m (Line-of-sight)
<b>Service Life:</b>	5 years
<b>Sealing:</b>	IP20 (Not waterproof)
<b>Operating Temp:</b>	5°C to 35°C (Used Indoors)
<b>Humidity Limits:</b>	5% to 90% max. Non-condensing
<b>Storage Temp:</b>	-30°C to 50°C

## Certification

The manufacturer, iTs Designs Ltd., hereby declares that the Companion Mini conforms with the relevant requirements of the Medical Device Regulations (EU) 2017/745.

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/)



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.

## Connect-iT Specification

<b>Model:</b>	P155B
<b>Power:</b>	2.1mm 12V DC
<b>Weight:</b>	164g
<b>Material:</b>	White ABS Anti-microbial
<b>Dimensions (mm):</b>	90 x 90 x 31 (HxWxD)
<b>Batteries:</b>	2x AA 1.2V Ni-MH (HR6) Rechargeable
<b>Battery Backup:</b>	>24 hours*
<b>Charging time:</b>	12 hours
<b>Radio Frequency:</b>	434.075MHz (P155***A)
<b>Radio Frequency:</b>	869.2125MHz (P155***B)
<b>Radio Range:</b>	Up to 200 meters
<b>Service Life:</b>	5 years
<b>Sealing:</b>	IP20 (Not waterproof)
<b>Operating Temp:</b>	5°C to 35°C (Used Indoors)
<b>Humidity Limits:</b>	5% to 90% max. Non-condensing
<b>Storage Temp:</b>	-30°C to 50°C

### \*NOTE:

The backup batteries performance will degrade over time, routine testing must be performed to ensure the backup batteries performance has not degraded beyond acceptable levels. See the “Maintenance Instructions” section for further details.

## Certification

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;  
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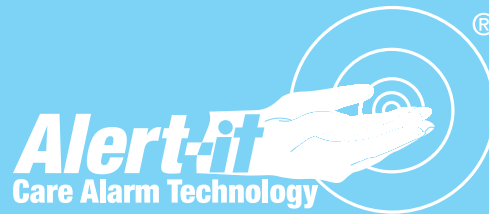
The system complies with EN 60601 for Class 2 Electrical Safety and does not need a protective earth and Group 1 Class B for EMC in a Home Healthcare environment.



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.



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DK - 5610 Assens  
Denmark

For support please contact your equipment provider.



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