

Battery Check & Replacement

Regular Test:

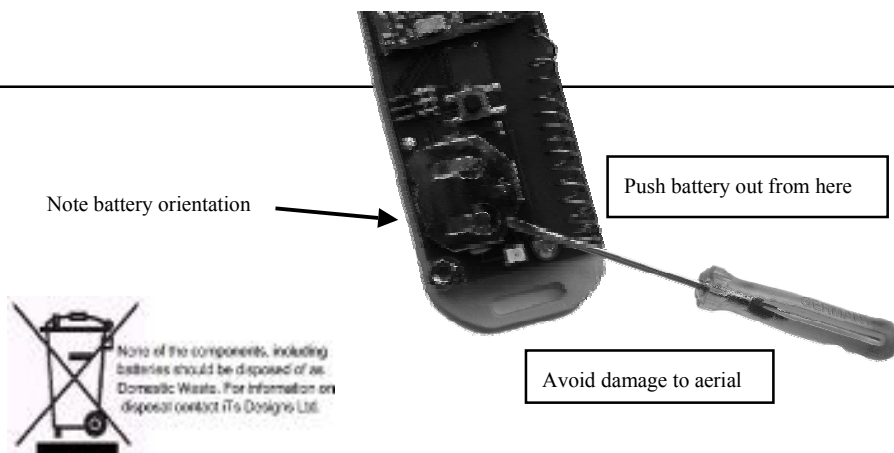
The battery will last up to a year, but should be checked regularly by making a short press of the HELP Button (less than 1 second). If the battery is serviceable then the P161 will transmit the battery status at this time, and successful receipt of a signal at the pager/autodialler should be noted. If the test fails then replace the battery.

Battery Failure

Battery replacement should be made if FAULT 30 appears on the pager as this indicates the battery is getting low. FAULT 31 indicates imminent total failure with no further transmission capability.

Battery Replacement

This can be done in situ, after removing the two front screws and pulling the cover over the key connector. The battery needs to be ejected from the holder by pressing from inside using a thin object such as screwdriver, cocktail stick or cotton bud. Once the rim appears it can be removed. NOTE the orientation of the battery with + side upwards, and the seal ring invisible. Fit the new battery in the same orientation. Now press the HELP button for more than 5 seconds. This will re-activate your unit. Replace the cover



Alert-it Care Systems

P161 Door Open Sensor

Installers Handbook



Support

For technical support please fax or EMail:
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...using technology to care for carers

One of a range of Alert-it Care Alarms available from:

The P161 is a highly configurable door switch that can be used to warn of a door being opened. It can be used as a latched alarm on Emergency Doors or External Doors or as a transient warning of the use of internal doors as may be required in the care of those with dementia. Staff can reset any alarm while the door is open, and the alarm will not sound again until the door first closes. This allows the door to be left open, under supervision.

Two “keys” are provided to disable the alarm. One, however, warns if the door remains deactivated more than 30 minutes by sending a FAULT alarm and is ideal for critical clients.

The alarms are passed by radio to the P137/8 Nurse Call Pagers and can be programmed as an insistent URGENT alarm or advisory ASSIST alarm.

The units are battery powered and use large high strength magnet to activate the internal switch, making installation particularly easy. On emergency doors up to 1 year battery life can be expected, on other doors usage will determine life, with 2000 operations to be expected. The unit send a FAULT alarm to the pager when the batteries need replacing

To order the following features are available, and the chart shows which have been enabled with this switch

Feature	State
P161 Serial Number	
Alarm URGENT sent on door opening	
Alarm ASSIST sent on door opening	
Alarm delayed 5 seconds to allow quick exit	
Alarm automatically cancelled when door closed	
Alarm latched requiring “HELP” button to be pressed at the door to reset	
HELP button sends URGENT alarm if pressed while door closed	
FAULT code sent if battery running (after HELP pressed to test battery)	

P161 Batteries

To prevent the alarm activating in the post, the P161 is shipped in a de-activated state. The HELP button must be pressed for greater than 5 second (until light extinguishes) to activate the unit for the first time. (The same procedure is needed after battery replacement).

A card of 5 batteries is available from iTs Designs Ltd (order code P160B)

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 any legal responsibility to provide a system that is infallible.

Quick Reference Sheet: Installation

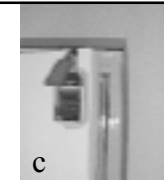


After installation the magnet should lie close to the area marked “Sense Area” on the P161. The magnet is strong and will influence the switch over a reasonable gap and from any face, making installation particularly easy



Inserting the BLUE key will deactivate the alarm, but also send FAULT01 to the pager if left inserted for more than 30 minutes. The RED key also deactivates the alarm but with no warning at the pager.

Below are some typical mounting arrangements. It will be noted that the magnet can be angled and lie above the case of the P161, which means it will seldom be necessary to modify architrave. The unit comes with screws and self-adhesive pads suitable for the installation. The unit can be fixed to metal doors but this may reduce the range. There MUST be sufficient clearance to allow the key to be used if required. Mounting horizontal on the door top edge (d) is a good option which makes the key-hole visible.



During installation it will be advantageous to have the pager close by as successful operation of the magnet can be gauged when the alarm is reset. Remember to activate the P161 after delivery as detailed on page 2

ESSENTIAL Range Test:

It is essential to prove that the pager receives the alarm signal in every area of your residence. When the HELP button is pressed for a short moment (less than 1 second) the unit will transmit the battery status to the pager. This will cause the name given to the Door Alarm, to flash on the pager. This must be seen to occur to prove reception.