

Liberty³⁰⁰ fall pendant

User guide



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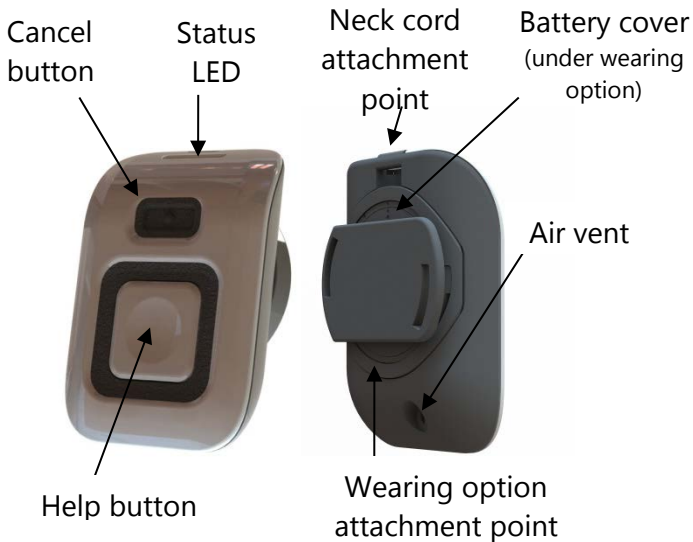
Intended use

This device is intended to enable a user in a non-medical setting to request assistance by providing a method of activating their Liberty³⁰⁰ medical alarm, from within the operating range of the Liberty³⁰⁰ fall pendant, in the event of a potential emergency. The device also provides an additional automatic request for assistance to the Liberty³⁰⁰ medical alarm if it detects that the user has fallen while wearing it on a neck cord, clipped to the chest or on a belt clip, using the wearing options provided.

☛ **Please read this user guide carefully**


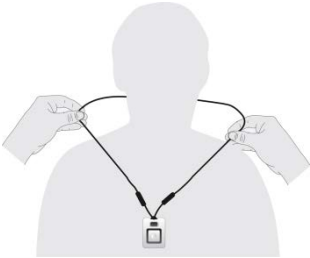


What is the Liberty³⁰⁰ fall pendant?

Your Liberty³⁰⁰ fall pendant is an intelligent pendant. Like other pendants, it allows you to press a help button to generate an alarm call when you need help. The fall pendant also provides an added layer of protection by automatically generating a call for assistance if a fall is detected and you are unable to push the help button.



What is in the box?

The box contains this user guide, a Liberty³⁰⁰ fall pendant, neck cord, brooch clip and belt clip.

Liberty ³⁰⁰ fall pendant	Neck cord
	
Brooch clip	Belt clip
	

Note: A Battery Replacement Key is available upon request for users with lower dexterity in their hands/fingers.

Before first use

Ensure the Liberty³⁰⁰ fall pendant is programmed correctly to your Liberty³⁰⁰ medical alarm. To test this, press the pendant help button and ensure that it generates an alarm call to the monitoring centre. Tell the monitoring centre that you are making a test call and follow their instructions.

- It is important to test the fall pendant in all the areas of your home, including the bathroom, basement and garage. Environmental conditions such as furnishings, building structure, presence of moisture or liquid may affect the range of the Liberty³⁰⁰ fall pendant.
- A help call will NOT be initiated if the Liberty³⁰⁰ fall pendant is activated while out of range of the Liberty³⁰⁰ medical alarm. If the pendant is not programmed correctly, please contact your supplier.

Wearing the Liberty³⁰⁰ fall pendant

Your Liberty³⁰⁰ fall pendant will have been set up to be worn with the neck cord, as recommended in this guide. However, the pendant can also be worn clipped to clothing or a belt, using the wearing accessories supplied. The correct wearing positions for the different wearing accessories available are shown on the following pages.

- Wearing the Liberty³⁰⁰ fall pendant in line with this guidance is important as it helps to ensure it is in the most optimum position to detect falls, while also helping to reduce the chance of incorrect activations.
- Please remember to wear your Liberty³⁰⁰ fall pendant at all times when you are at home, including in the shower or bath. You may also wear your Liberty³⁰⁰ fall pendant in bed. This will help to ensure the Liberty³⁰⁰ fall pendant is at hand if you require it at night. However it may not detect a fall from a lying position in bed.

WARNING– if you wear the Liberty³⁰⁰ fall pendant under your clothing ensure you do not restrict access to the help button.

...on a neck cord (recommended)

A neck cord is provided and is the recommended wearing option to ensure the Liberty³⁰⁰ fall pendant is worn at your sternum and at least 80 centimetres from floor level. Below 80 centimetres the Liberty³⁰⁰ fall pendant may not detect a fall.



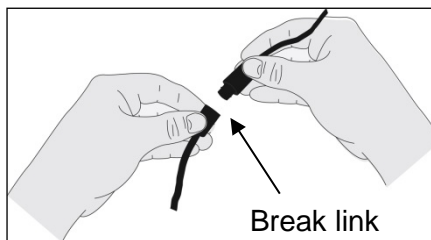
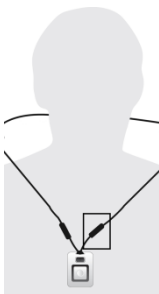
You can remove the Liberty³⁰⁰ fall pendant using the break links on the neck cord.

Tip - Clipping it to clothing using the brooch clip while worn on a neck cord may also help to reduce false alerts.

WARNING—only use the neck cord supplied with the Liberty³⁰⁰ fall pendant as it includes safety break links to reduce the risk of entanglement or injury.

Remove/replace the Liberty³⁰⁰ fall pendant

To easily remove the pendant, you can undo one of the break links on the neck cord, then fasten the break link again.



...clipped to clothing

The Liberty³⁰⁰ fall pendant can be worn either horizontally or vertically and includes (where supplied) a brooch clip in order to clip it to the top of a shirt pocket or to shirt/blouse openings etc.

The Liberty³⁰⁰ fall pendant must be worn at chest height and at least 80 centimetres from the floor.

Tip - The clips are reversible to enable them to be clipped to the left or right for male and female shirt/blouse openings.



...on a belt

The belt clip is designed to fit a wide variety of belts however you should ensure that the belt is of sufficient width to firmly hold the Liberty³⁰⁰ fall pendant in place.

The Liberty³⁰⁰ fall pendant must be worn at waist height and at least 80 centimetres from the floor.



Important things to remember

- Remember, the Liberty³⁰⁰ fall pendant will only detect a fall if you are wearing it.
- Due to the wide variety and type of falls, some falls may not be detected. For example, a slow gradual slide out of a chair is unlikely to be detected as a fall.
- The Liberty³⁰⁰ fall pendant must be worn in accordance with the wearing instructions, do not change the wearing option once your preferred method has been chosen.
- If you fall and the fall is detected you do not need to press the help button, the Liberty³⁰⁰ fall pendant will generate a call for assistance within 10 seconds.
- Test the Liberty³⁰⁰ fall pendant monthly by pressing the help button.
- Regularly check the status LED on the Liberty³⁰⁰ fall pendant (see troubleshooting page).

How it works

The Liberty³⁰⁰ fall pendant is a simple to use device that includes a help button to enable you to generate a call for help if you require assistance or fall. If you are unable to press the help button, the Liberty³⁰⁰ fall pendant has intelligent sensors that can automatically generate a call for assistance if a fall is detected.

Manual alarm operation

- 1) Press the help button on the Liberty³⁰⁰ fall pendant to generate a call for help.



- 2) The red LED indicates the Liberty³⁰⁰ fall pendant is sending an alarm call as well as 3 rapid beeps indicate that the alert has been received by the Liberty³⁰⁰ medical alarm (one long beep from the Liberty³⁰⁰ fall pendant indicates that it did not get through to the main unit).
- 3) If the red LED flashes, the Liberty³⁰⁰ fall pendant is still sending an alarm call, but is also indicating to you that the battery needs to be replaced (see battery replacement).

Automatic fall detection

- Stage 1 The Liberty³⁰⁰ fall pendant detects an event and analyses it for a few seconds. If the pendant determines that the event is a fall, Stage 2 commences.
- Stage 2 The green LED starts to flash and the pendant rapidly beeps high/low/high every second. This warns you that a fall alert will be made after 10 seconds. If you have not fallen or do not require assistance, you can press the cancel button during this stage to cancel the alarm.
- Stage 3 If the alarm is not cancelled, the LED goes red for 2 seconds and the pendant plays 3 short beeps indicating that a fall alert has been received by your Liberty³⁰⁰ medical alarm.

Canceling an automatic fall alarm

If the Liberty³⁰⁰ fall pendant LED flashes green and plays high/low/high tones every second when you know you have not fallen, you can stop the Liberty³⁰⁰ fall pendant from generating an alarm by pressing the cancel button.



The cancel button is designed to avoid accidental presses. If you press the cancel button by mistake you can still generate an alarm call by pressing the help button.

Taking care of the Liberty³⁰⁰ fall pendant

- Your Liberty³⁰⁰ fall pendant is fully water resistant and should be worn at all times including in the shower and bath. When wearing in the bath you should avoid submerging the Liberty³⁰⁰ fall pendant in water for more than a minute.
- If your Liberty³⁰⁰ fall pendant does get wet, dry it gently using a soft towel, being careful not to press the help button. If you do press the help button by accident, don't worry, just inform the operator. They will be happy to hear from you and it will act as a useful test of the system.
- The vent on the back of the Liberty³⁰⁰ fall pendant is an important feature and must be kept clean and clear of any obstructions. When wearing in the shower/bath, water may cause a temporary obstruction and automatic fall detection may not function properly while the vent is obstructed.



Cleaning

If required, the Liberty³⁰⁰ fall pendant may be cleaned periodically with a damp cloth and mild detergent or an alcohol wipe.

- Remember that the Liberty³⁰⁰ fall pendant will not detect falls while it is not being worn therefore you should put the Liberty³⁰⁰ fall pendant back on again as soon as you have finished cleaning it.

Spares and accessories

The following replacement parts are available. Please contact your supplier for more details.

Battery (CR2450)	XS1004042
Belt clip	D6602026
Brooch clip	D6602027
Neck cord	D6602035
Battery cover	D6602034

Battery replacement

The battery will need replacing approximately every 12 to 24 months.

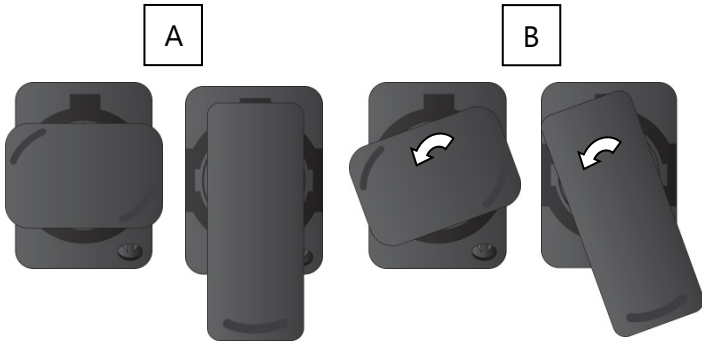
- When a low battery is indicated the battery should be replaced immediately/as soon as possible.
- If it is necessary for you to change the battery, the fall pendant uses a CR2450 3 Volt lithium battery.

NOTE: Dispose of used batteries only in accordance with your local laws and regulations. Do not dispose of batteries in household waste.

WARNING – During battery replacement the Liberty³⁰⁰ fall pendant will not be able to generate a help call.

To replace the battery

- 1) To access the battery, remove brooch/belt clip accessory from the back of the fall pendant by turning the clip counter clockwise until it clicks.



- 2) Remove the battery cover, insert the brooch clip edge into the slot, and turn it anti-clockwise.
- 3) Remove the battery and replace it with the new battery (CR2450), remembering to observe the correct orientation i.e. positive (+) side facing you. When the battery is reconnected the unit will beep.
- 4) Replace the battery cover (rotate clockwise) and test the Liberty³⁰⁰ fall pendant by pressing the help button. Inform the operator that you are making a battery test call.
- 5) If the device fails to make a test call then check the orientation of the battery and repeat the test by pressing the help button.



Frequently asked questions

Can I wear the Liberty³⁰⁰ fall pendant in the shower or bath?

Yes, the Liberty³⁰⁰ fall pendant is water resistant and should be worn at all times including in the shower. When wearing in the bath you should avoid submerging the Liberty³⁰⁰ fall pendant in water for longer than a minute. Please note that water may temporarily cause an obstruction of the vent in the back of the Liberty³⁰⁰ fall pendant. Submersion in water may also reduce the range of the Liberty³⁰⁰ fall pendant meaning that the help call may not be received by your Liberty³⁰⁰ medical alarm.

When should I wear the Liberty³⁰⁰ fall pendant?

You should wear your Liberty³⁰⁰ fall pendant at all times when you are in your home and within receiving range of your Liberty³⁰⁰ medical alarm.

Can I wear the Liberty³⁰⁰ fall pendant under my clothes?

Yes, the Liberty³⁰⁰ fall pendant can be worn under clothing however please make sure you can easily press the help button if you need assistance.

What happens if I accidentally press the help button?

The Liberty³⁰⁰ fall pendant will generate a call to the monitoring centre. Tell the operator that you pressed it by accident and do not need assistance. Don't worry they will be happy to hear from you and it will act as a test of the system.

Will the Liberty³⁰⁰ fall pendant call for help if I drop it accidentally?

If the Liberty³⁰⁰ fall pendant starts to beep when accidentally dropped you can press the cancel button to stop it from sending a call for help.

If I stand up again after falling, will the Liberty³⁰⁰ fall pendant automatically call for help?

Possibly, the Liberty³⁰⁰ fall pendant is designed to allow a short period of time after a fall for you to recover. Remember when the Liberty³⁰⁰ fall pendant starts to beep and the green LED is flashing you can press the cancel button to stop it from sending a call for help.

What should I do if I fall but do not need help?

When the Liberty³⁰⁰ fall pendant starts to beep and the green LED is on you can press the cancel button to stop the pendant from sending a call for help. The monitoring centre is always happy to hear from you though, so if you are in any doubt, simply let the pendant call for help and speak to the operator.

What happens if I cannot press the cancel button to stop the alarm?

The cancel button has been designed to prevent accidental cancellation of alarm calls therefore it is small and recessed. If you cannot press the cancel button for any reason, don't worry, just inform the monitoring centre operator that you are okay and do not require assistance.

Will the Liberty³⁰⁰ fall pendant send a call for help without me knowing?

No, the Liberty³⁰⁰ fall pendant has been designed to inform you before it sends a call for help. The Liberty³⁰⁰ fall pendant will always beep and flash the green LED to notify you that it has detected a fall and is about to send a call for help.

Can I wear the Liberty³⁰⁰ fall pendant in bed?

Yes, you can wear the Liberty³⁰⁰ fall pendant in bed. This will help to ensure the pendant is at hand if you require it at night. However, it may not detect a fall from a lying position in bed.

Test conditions

The Liberty³⁰⁰ fall pendant has been tested under the following usage height conditions:

Neck worn – minimum height 80 centimetres

Waist worn – minimum height 80 centimetres

We strongly recommend that the Liberty³⁰⁰ fall pendant is worn so that it remains more than 80 centimetres from the ground, as the pendant may not reliably detect falls if worn below this height.

Troubleshooting

If the area around the button becomes damaged please contact your supplier.

LED operation

Event	LED/Sounder action	Action
Alarm button pressed	Red LED on for 2 seconds and unit beeps rapidly 3 times. (If Red LED flashes battery is low – replace)	If possible, speak clearly to the monitoring centre
Fall detected (cancellation period)	Green LED flashing and high/low/high tones being played every second for 10 seconds.	Press cancel button if help is not required
Fall alarm generated	Red LED on for 2 seconds and 3 rapid alarm tones played. (If Red LED flashes battery is low – Replace)	If possible, speak clearly to the monitoring centre
Error – problem detected	The pendant emits one long beep after activation indicating pendant signal did not reach the main alarm unit.	Pendant is out of radio range or not programmed in. Contact your supplier.

Specifications

The Liberty³⁰⁰ fall pendant operates on a frequency of 915 to 928 MHz (Australia and New Zealand).

Technical information

Weight:	25g [0.88oz]
Dimensions:	58 x 38 x 14mm [2.28" x 1.5" x 0.55"] (WxHxD)
Battery:	CR2450 (3v Lithium cell)
Battery life:	12 months
Radio frequency	915 to 928 MHz
Type:	Crystal Stabilised
Radio range:	Up to 300 metres open air (Subject to environmental conditions)
Water resistance:	IP67 (up to 1 metre for 30 minutes)

Environmental

Temperature:	Operating temperature = 0°C to 45°C, storage = -10°C to 50°C
Humidity:	Operating relative humidity (non-condensing to perform to full specification) = 0 to 80%, storage relative humidity (non-condensing) = 0 to 93%

Standards

Australia/NZ:	AS/NZ 4268.2012
Design & manufacture:	ISO9001:2008





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