



Philips Lifeline Medical Alert Service with AutoAlert

The first medical alert pendant that can call for help even when a subscriber cannot

Our industry-leading* standard Lifeline Service provides prompt access to highly trained, caring Response Associates at the push of a button – 24 hours a day, 365 days a year.

Our breakthrough service innovation, Lifeline with AutoAlert, not only provides all of the benefits and functionality of our standard service, but it also provides subscribers with an added layer of protection. Lifeline with AutoAlert **automatically places a call for help if a fall is detected** and the subscriber cannot push the Personal Help Button (PHB) because of being disoriented, immobilized, or unconscious after a fall.** Additionally, Lifeline with AutoAlert can help support earlier intervention in cases when someone falls, cannot get up from the fall, and chooses not to summon help immediately.

This breakthrough service provides an easy-to-wear pendant-style Help Button (FD100) that has unique embedded technology that is designed to determine if a fall has occurred and to automatically initiate a Help Call if the fallen individual has not gotten up within 30 seconds of the fall being detected. This functionality is based on a microprocessor in the AutoAlert PHB, which uses a sophisticated algorithm and proprietary technology to receive data from multiple sensors that can detect changes in the subscriber's movement. It is designed to accurately detect falls with a low rate of false alarms.

The AutoAlert PHB is similar in size and weight to existing PHBs and is designed to be worn around the neck. The AutoAlert PHB is also waterproof, allowing subscribers to have continuous protection. In addition to providing help at the push of a button, the Lifeline with AutoAlert option now offers subscribers an added layer of protection!

Designed to Achieve:

- Early Intervention and Improved Outcomes
- More Peace of Mind/Confidence
- An Added Layer of Protection

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Benefits for Subscribers

Providing an added **layer of protection** by automatically calling for help when a fall is detected, the AutoAlert Personal Help Button is designed to be both **easy to use** and **easy to wear**.

- Minimal false alarms
- 18-month battery life
- Compact pendant design
- Lightweight and waterproof
- Can be comfortably worn under clothing

Benefits for Programs

Offering subscribers and caregivers **greater peace of mind**, the AutoAlert PHB also **easily integrates into program operations**.

- Installs like any other PHB
- Compatible with the DT1000, 6900, 6900AT, and all future Communicator models
- Easy button exchanges to manage battery life

AutoAlert Fall Detection

The AutoAlert PHB has multiple sensors to support accurate fall detection while reducing false alarms. It is designed to distinguish between many types of daily activities and true falls.

- High detection rate of true falls
- Low rate of false alarms

When a fall has been detected by the AutoAlert PHB, it will initiate the Intelligent Alarm.

The Intelligent Alarm Feature

When the AutoAlert PHB detects a fall, the Communicator waits 30 seconds before sending a Help Call. If the subscriber is able to get up from the fall within 30 seconds, the Intelligent Alarm feature will cancel the Help Call.

- The AutoAlert PHB worn by the subscriber must rise at least 30 inches for the alarm to be canceled.
- A subscriber can still push the button at any time to initiate a Help Call.

SmartPower

SmartPower battery management in the AutoAlert PHB preserves energy by functioning in a low-power mode during normal activity and then ramping up when a fall is detected. This provides a comparatively long, 18-month wearing life with little maintenance.

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© 2011. All rights reserved. Button signal range may vary due to environmental factors.
*Claim is based on number of subscribers. **AutoAlert does not detect 100% of falls. If able, users should always push their button when they need help. MAY 2011.

The “Fall Detected” Alarm Signal

This special alarm indicates both that a fall was detected and that help is needed.

Scenario with AutoAlert	Case	Help Call Alarm Signal Transmitted
Fall is detected	Subscriber does not push the button and does not get up within 30 seconds of the fall being detected	“Fall Detected”
Fall is detected	Subscriber pushes the button within 30 seconds and before the Intelligent Alarm automatically initiates the Help Call	“Fall Detected”
No fall is detected, or the subscriber falls but gets up, canceling the “Fall Detected” alarm	Subscriber pushes the button	“Help Needed”

Response Center Protocol

Lifeline with AutoAlert protocol is similar to that of our standard Lifeline Medical Alert Service, with several distinctions.

Event	Help Call Alarm Signal	Response Protocol
Personal Response Associate (PRA) receives a Help Call	“Fall Detected” or “Help Needed”	PRA will initially respond to any Help Call by calling out and asking if help is needed. If contact made, standard protocol will be followed.
PRA does not get a response from the subscriber	“Fall Detected” or “Help Needed”	If no clear contact is made, PRA will hang up and immediately call back the subscriber
No clear contact is made to verify the subscriber’s situation	“Fall Detected”	PRA will immediately call EMS if contact cannot be made after receiving the “Fall Detected” alarm
	“Help Needed”	PRA will immediately call listed Responders, and if none can be reached, EMS will be called

AutoAlert PHB Specifications

Part Number:	FD100
Compatible with:	DT1000 and 6900 series Communicators
Monitoring:	Central monitoring only
Color:	Warm white
Size:	66 mm long, 30 mm wide, 17 mm thick
Weight:	32 grams
Button Frequencies:	16,000
Wearing Method:	Neck cord
Battery Life:	18 months
Operating Temperature:	32°F (0°C) to 122°F (50°C)
Storage Temperature:	0°F (-18°C) to 140°F (60°C)
Agency Compliances:	UL1637, CSA C22.2, NO 205-M1983, IEC60601-1 2005 (3rd Edition), IEC60601-1-1, IEC60601-1-2
Warranty:	5-year PHB replacement after purchase, including free replacement for low-battery buttons